

**MULTI-JURISDICTIONAL
ALL HAZARDS
MITIGATION PLAN
APPENDICES**



**ANOKA COUNTY
MINNESOTA
2013**

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Anoka County Multi-Jurisdictional All Hazards Mitigation Plan

Appendix A Detailed Hazard Event Data

Anoka County Fire Calls 2006 to 2011

Basic: Incident Type
From 01/01/2006 to 10/25/2011

CODE	Description	FREQ	FREQ %	EXPs	CIV DT HS	CIV DTHS %	CIV INJ S	CIV INJS %	FF DTH S	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %
100	Fire, other	105	0.15 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	18,600	0.07 %	4,051	0.04 %	22,651	0.06 %
110	Structure fire, other (conversion only)	11	0.02 %	0	0	0.00 %	0	0.00 %		0.00 %			706,500	2.64 %	0	0.00 %	706,500	1.96 %
111	Building fires	849	1.19 %	25	8	61.54 %	44	65.67 %	0	0.00 %	17	44.74 %	22,448,528	83.87 %	7,857,569	84.84 %	30,306,097	84.12 %
112	Fires in structures other than in a building	45	0.06 %	3	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	1,574,450	5.88 %	6,050	0.07 %	1,580,500	4.39 %
113	Cooking fire, confined to container	413	0.58 %	0	0	0.00 %	7	10.45 %	0	0.00 %	0	0.00 %	17,700	0.07 %	12,111	0.13 %	29,811	0.08 %
114	Chimney or flue fire, confined to chimney or flue	60	0.08 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	19,000	0.07 %	1,000	0.01 %	20,000	0.06 %
115	Incinerator overload or malfunction, fire confined	7	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
116	Fuel burner/boiler malfunction, fire confined	15	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,200	0.01 %	1,200	0.00 %
117	Commercial Compactor fire, confined to rubbish	4	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
118	Trash or rubbish fire, contained	95	0.13 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	2,575	0.01 %	250	0.00 %	2,825	0.01 %
120	Fire in mobile prop. used as a fixed struc., other	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,000	0.00 %	0	0.00 %	1,000	0.00 %
121	Fire in mobile home used as fixed residence	28	0.04 %	0	1	7.69 %	2	2.99 %	0	0.00 %	1	2.63 %	280,700	1.05 %	147,800	1.60 %	428,500	1.19 %
122	Fire in motor home, camper, recreational vehicle	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
123	Fire in portable building, fixed location	32	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	14,950	0.06 %	0	0.00 %	14,950	0.04 %
130	Mobile property (vehicle) fire, other	50	0.07 %	0	0	0.00 %	1	1.49 %	0	0.00 %	0	0.00 %	27,300	0.10 %	88,650	0.96 %	115,950	0.32 %
131	Passenger vehicle fire	643	0.90 %	15	0	0.00 %	2	2.99 %	0	0.00 %	0	0.00 %	807,050	3.02 %	456,625	4.93 %	1,263,675	3.51 %
132	Road freight or transport vehicle fire	31	0.04 %	0	0	0.00 %	1	1.49 %	0	0.00 %	0	0.00 %	105,000	0.39 %	466,200	5.03 %	571,200	1.59 %
133	Rail vehicle fire	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	15,000	0.06 %	32,000	0.35 %	47,000	0.13 %
134	Water vehicle fire	10	0.01 %	1	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	11,800	0.04 %	2,800	0.03 %	14,600	0.04 %



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135	Aircraft fire	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
136	Self-propelled motor home or recreational vehicle	4	0.01 %	0	0	0.00 %	1	1.49 %	0	0.00 %	0	0.00 %	500	0.00 %	0	0.00 %	500	0.00 %
137	Camper or recreational vehicle (RV) fire	8	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	8,950	0.03 %	1,000	0.01 %	9,950	0.03 %
138	Off-road vehicle or heavy equipment fire	29	0.04 %	1	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	19,000	0.07 %	49,300	0.53 %	68,300	0.19 %
140	Natural vegetation fire, other	120	0.17 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	635	0.00 %	0	0.00 %	635	0.00 %
141	Forest, woods or wildland fire	61	0.09 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	5,000	0.02 %	0	0.00 %	5,000	0.01 %
142	Brush, or brush and grass mixture fire	179	0.25 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	3,410	0.01 %	610	0.01 %	4,020	0.01 %
143	Grass fire	421	0.59 %	1	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,800	0.01 %	0	0.00 %	1,800	0.00 %
150	Outside rubbish fire, other	84	0.12 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	550	0.00 %	50	0.00 %	600	0.00 %
151	Outside rubbish, trash or waste fire	118	0.17 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	999	0.00 %	2,650	0.03 %	3,649	0.01 %
152	Garbage dump or sanitary landfill fire	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
153	Construction or demolition landfill fire	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
154	Dumpster or other outside trash receptacle fire	175	0.25 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	24,600	0.09 %	950	0.01 %	25,550	0.07 %
155	Outside stationary compactor/compacted trash fire	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
160	Special outside fire, other	100	0.14 %	3	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	7,950	0.03 %	250	0.00 %	8,200	0.02 %
161	Outside storage fire	18	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	22,000	0.08 %	34,300	0.37 %	56,300	0.16 %
162	Outside equipment fire	52	0.07 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	328,582	1.23 %	2,800	0.03 %	331,382	0.92 %
163	Outside gas or vapor combustion explosion	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
164	Outside mailbox fire	12	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	25	0.00 %	0	0.00 %	25	0.00 %
170	Cultivated vegetation, crop fire, other	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,500	0.01 %	0	0.00 %	1,500	0.00 %
171	Cultivated grain or crop fire	4	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
200	Overpressure rupture, explosion, overheat other	26	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
210	Overpressure rupture from steam, other	6	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
211	Overpressure rupture of steam pipe or pipeline	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
212	Overpressure rupture of steam boiler	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
213	Steam rupture of pressure or process vessel	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
220	Overpressure rupture from air or gas, other	7	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %



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221	Overpressure rupture of air or gas pipe/pipeline	17	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
223	Air or gas rupture of pressure or process vessel	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
231	Chemical reaction rupture of process vessel	5	0.01 %	0	0	0.00 %	3	4.48 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
240	Explosion (no fire), other	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
241	Munitions or bomb explosion (no fire)	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
243	Fireworks explosion (no fire)	8	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
251	Excessive heat, scorch burns with no ignition	112	0.16 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	500	0.01 %	500	0.00 %
300	Rescue, emergency medical call (EMS) call, other	3,900	5.47 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	2,000	0.02 %	2,000	0.01 %
311	Medical assist, assist EMS crew	8,095	11.34 %	0	1	7.69 %	0	0.00 %	0	0.00 %	5	13.16 %	0	0.00 %	0	0.00 %	0	0.00 %
320	Emergency medical service, other (conversion only)	489	0.69 %	0	0	0.00 %	0	0.00 %		0.00 %			0	0.00 %	0	0.00 %	0	0.00 %
321	EMS call, excluding vehicle accident with injury	24,774	34.72 %	0	1	7.69 %	2	2.99 %	0	0.00 %	3	7.89 %	0	0.00 %	0	0.00 %	0	0.00 %
322	Vehicle accident with injuries	2,532	3.55 %	0	1	7.69 %	2	2.99 %	0	0.00 %	2	5.26 %	148,000	0.55 %	40,750	0.44 %	188,750	0.52 %
323	Motor vehicle/pedestrian accident (MV Ped)	214	0.30 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
324	Motor vehicle accident with no injuries	618	0.87 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	13,500	0.15 %	13,500	0.04 %
331	Lock-in (if lock out , use 511)	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
340	Search, other	4	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
341	Search for person on land	27	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
342	Search for person in water	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
350	Extrication, rescue, other	59	0.08 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	23,000	0.25 %	23,000	0.06 %
351	Extrication of victim(s) from building/structure	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
352	Extrication of victim(s) from vehicle	210	0.29 %	0	1	7.69 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	12,500	0.13 %	12,500	0.03 %
353	Removal of victim(s) from stalled elevator	65	0.09 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
354	Trench/below grade rescue	4	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
355	Confined space rescue	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
356	High angle rescue	6	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
357	Extrication of victim(s) from machinery	9	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
360	Water & ice related rescue, other	13	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %



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361	Swimming/recreational water areas rescue	4	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
362	Ice rescue	8	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
363	Swift water rescue	6	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
365	Watercraft rescue	22	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
370	Electrical rescue, other	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
371	Electrocution or potential electrocution	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
372	Trapped by power lines	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
381	Rescue or EMS standby	79	0.11 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
400	Hazardous condition, other	90	0.13 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
410	Flammable gas or liquid condition, other	59	0.08 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
411	Gasoline or other flammable liquid spill	275	0.39 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
412	Gas leak (natural gas or LPG)	1,559	2.18 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
413	Oil or other combustible liquid spill	53	0.07 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
420	Toxic condition, other	19	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
421	Chemical hazard (no spill or leak)	23	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
422	Chemical spill or leak	54	0.08 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
423	Refrigeration leak	6	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
424	Carbon monoxide incident	586	0.82 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
440	Electrical wiring/equipment problem, other	195	0.27 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
441	Heat from short circuit (wiring), defective/worn	35	0.05 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	500	0.00 %	0	0.00 %	500	0.00 %
442	Overheated motor	51	0.07 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	100	0.00 %	0	0.00 %	100	0.00 %
443	Light ballast breakdown	30	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
444	Power line down	826	1.16 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	5	0.00 %	0	0.00 %	5	0.00 %
445	Arcing, shorted electrical equipment	444	0.62 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	2,009	0.01 %	130	0.00 %	2,139	0.01 %
451	Biological hazard, confirmed or suspected	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
460	Accident, potential accident, other	21	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
461	Building or structure weakened or collapsed	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	10,000	0.04 %	0	0.00 %	10,000	0.03 %
462	Aircraft standby	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
463	Vehicle accident, general cleanup	373	0.52 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	18,000	0.07 %	0	0.00 %	18,000	0.05 %



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471	Explosive, bomb removal (for bomb scare, use 721)	7	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
480	Attempted burning, illegal action, other	11	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
481	Attempt to burn	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
500	Service Call, other	296	0.41 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
510	Person in distress, other	45	0.06 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
511	Lock-out	19	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
512	Ring or jewelry removal	21	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
520	Water problem, other	114	0.16 %	0	0	0.00 %	2	2.99 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
521	Water evacuation	7	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
522	Water or steam leak	108	0.15 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
531	Smoke or odor removal	580	0.81 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	23,000	0.09 %	1,060	0.01 %	24,060	0.07 %
540	Animal problem, other	2	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
541	Animal problem	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
542	Animal rescue	14	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
550	Public service assistance, other	67	0.09 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
551	Assist police or other governmental agency	615	0.86 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
552	Police matter	216	0.30 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
553	Public service	284	0.40 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
554	Assist invalid	1,056	1.48 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
555	Defective elevator, no occupants	8	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
561	Unauthorized burning	1,672	2.34 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
571	Cover assignment, standby, moveup	34	0.05 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
600	Good intent call, other	1,074	1.51 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	500	0.00 %	250	0.00 %	750	0.00 %
611	Dispatched & canceled en route	4,719	6.61 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
621	Wrong location	35	0.05 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
622	No incident found at dispatch address	497	0.70 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
631	Authorized controlled burning	446	0.63 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
632	Prescribed fire	30	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
641	Vicinity alarm (incident in other location)	15	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
650	Steam, other gas mistaken for smoke, other	70	0.10 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
651	Smoke scare, odor of	906	1.27 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %



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	smoke																	
652	Steam, vapor, fog or dust thought to be smoke	106	0.15 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
653	Barbecue, tar kettle	16	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
661	EMS call, party transported by non-fire agency	3	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
671	Hazmat release investigation w/ no hazmat	173	0.24 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
672	Biological hazard, none found	1	0.00 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
700	False alarm or false call, other	723	1.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
710	Malicious, mischievous false call, other	253	0.35 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
711	Municipal alarm system, malicious false alarm	19	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
713	Telephone, malicious false alarm	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
714	Central station, malicious false alarm	49	0.07 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
715	Local alarm system, malicious false alarm	72	0.10 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
721	Bomb scare - no bomb	16	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
730	System malfunction, other	276	0.39 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
731	Sprinkler activation due to malfunction	114	0.16 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
732	Extinguishing system activation due to malfunction	16	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
733	Smoke detector activation due to malfunction	691	0.97 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
734	Heat detector activation due to malfunction	29	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
735	Alarm system sounded due to malfunction	1,094	1.53 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	20,000	0.07 %	0	0.00 %	20,000	0.06 %
736	CO detector activation due to malfunction	395	0.55 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
740	Unintentional transmission of alarm, other	433	0.61 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
741	Sprinkler activation, no fire - unintentional	142	0.20 %	0	0	0.00 %	0	0.00 %	0	0.00 %	1	2.63 %	0	0.00 %	0	0.00 %	0	0.00 %
742	Extinguishing system activation	12	0.02 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
743	Smoke detector activation, no fire - unintentional	878	1.23 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
744	Detector activation, no fire - unintentional	406	0.57 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %



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745	Alarm system sounded, no fire - unintentional	1,400	1.96 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
746	Carbon monoxide detector activation, no CO	779	1.09 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
751	Biological hazard, malicious false report	5	0.01 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
800	Severe weather or natural disaster, other	19	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
813	Wind storm, tornado/hurricane assessment	23	0.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
814	Lightning strike (no fire)	76	0.11 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	67,500	0.25 %	0	0.00 %	67,500	0.19 %
815	Severe weather or natural disaster standby	27	0.04 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
900	Special type of incident, other	47	0.07 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
911	Citizen complaint	225	0.32 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Totals		71,356	100 %	49	13	100 %	67	100 %	0	0 %	38	100 %	26,765,268	100 %	9,261,906	100 %	36,027,174	100 %
Mutual Aid Given Incidents		1,259																
	Total Incidents	72,615																



Anoka County National Flood Insurance Status

Anoka County National Flood Insurance Status

CID	Community Name	County	Init FHBM	Init FIRM	Curr Eff	Reg-Emer	Tribal
270689#	ANDOVER, CITY OF	ANOKA COUNTY	12/17/76	09/30/80	07/18/83	09/30/80	No
270005#	ANOKA COUNTY *	ANOKA COUNTY		01/16/80	01/16/80	01/16/80	No
275227	ANOKA, CITY OF	ANOKA COUNTY		11/30/73	02/27/76	11/30/73	No
270008#	CENTERVILLE, CITY OF	ANOKA COUNTY	05/03/74	12/04/79	06/02/99	12/04/79	No
270009#	CIRCLE PINES, CITY OF	ANOKA COUNTY	05/03/74	09/15/78	09/15/78	09/15/78	No
270010#	COLUMBIA HEIGHTS, CITY OF	ANOKA COUNTY	05/10/74	09/29/78	09/29/78	09/29/78	No
270144#	COLUMBUS, CITY OF	ANOKA COUNTY		01/16/80	01/16/80	02/06/09	No
270011#	COON RAPIDS,CITY OF	ANOKA COUNTY	06/01/73	03/15/77	03/15/77	03/15/77	No
270012#	EAST BETHEL, CITY OF	ANOKA COUNTY	07/25/75	05/15/80	05/15/80	05/15/80	No
270013#	FRIDLEY, CITY OF	ANOKA COUNTY	05/17/74	03/02/81	03/02/81	03/02/81	No
270674#	HAM LAKE, CITY OF	ANOKA COUNTY	08/15/75	07/16/80	07/16/80	07/16/80	No
270014	LEXINGTON, CITY OF	ANOKA COUNTY	03/29/74		(NSFHA)	02/12/79	No
270015#	LINO LAKES, CITY OF	ANOKA COUNTY	12/13/74	05/17/82	05/17/82	05/17/82	No
270007#	Blaine, City Of	ANOKA COUNTY	06/28/74	11/15/79	06/17/02	11/15/79	NO
270031#	OAK GROVE, CITY OF	ANOKA COUNTY		01/16/80	01/16/80	09/05/08	No
270681#	RAMSEY, CITY OF	ANOKA COUNTY	04/21/78	11/01/79	11/01/79	11/01/79	No
270016	SPRING LAKE PARK, CITY OF	ANOKA COUNTY	05/10/74		(NSFHA)	08/24/81	No
270017#	ST. FRANCIS, CITY OF	ANOKA COUNTY	06/28/74	03/02/81	03/02/81	03/02/81	No

Note City of Nowthen Applying to the National Flood
Insurance Program



Anoka County Meth Lab Seizure

Anoka County Meth Lab Seizure 2006 - 2011				
Date	City	Type		Comments
1/31/2006	Coon Rapids	Abandoned	Box Lab	Storage Facility
2/8/2006	Ramsey	House		
2/27/2006	Coon Rapids	Abandoned		
3/19/2006	St. Francis	Vehicle		Traffic stop
4/10/2006	Oak Grove	Abandoned		
8/15/2006	East Bethel	House		
1/31/2007	Ham Lake	House	Garage	
3/25/2007	Ramsey	Abandoned		City of Ramsey picked up
7/31/2007	Coon Rapids	Apartment		
8/7/2007	Blaine	House		Trailer Park
8/9/2007	Andover	House		
10/4/2007	Coon Rapids	Garage		House was found clean
10/29/2007	Andover	Abandoned		
12/3/2007	Coon Rapids	Vehicle		
1/5/2008	Coon Rapids	Vehicle		
2/20/2008	Blaine	House		
4/8/2008	Ham Lake	Abandoned		
5/20/2008	Blaine	Vehicle		
5/27/2008	Blaine	House		
6/10/2008	Fridley	Vehicle	Travel Trailer	Trailer destroyed by Fridley Police
7/10/2008	Columbus	Garage		
9/9/2008	Andover	Vehicle		
9/30/2008	East Bethel	Abandoned		
2/5/2009	Fridley	Garage	House	
2/13/2009	Blaine	Shed		Park manager called 3/10/2011 - shed was removed in 2010.



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

5/25/2009	Coon Rapids	Vehicle		
10/30/2009	Linwood	Vehicle		
12/7/2009	Coon Rapids	Townhouse		
3/27/2010	Coon Rapids	Vehicle		Not deemed a meth lab
3/9/2011	East Bethel	House		
3/31/2011	Linwood	Outside		Side of house, under tarp No cooking inside the house
6/17/2011		Vehicle		



Anoka County Shelter Information

Address	City	Zip Code	County	Max Feed	Max Sleep	# of Showers	Ratio Sleep / Shower	Last Survey
Crosstown Blvd NW	Andover	55304	Anoka	0	1858	2	929	5/4/2010
Crosstown Blvd. NW	Andover	55304	Anoka	349	625	22	28	1/26/2010
Hanson Blvd.	Andover	55304	Anoka	360	365	10	37	1/26/2010
North Seventh Ave.	Anoka	55303	Anoka	600	725	92	8	1/26/2010
5th Ave. South	Anoka	55303	Anoka	509	488	44	11	1/26/2010
Pheasant Ridge Drive NE	Blaine	55449	Anoka	250	105	6	18	5/10/2010
University Ave.	Blaine	55434	Anoka	560	725	58	13	1/26/2010
Main Street NE	Blaine	55434	Anoka	374	300	26	11	1/26/2010
101st St. Ln. NE	Circle Pines	55014	Anoka	450	1250	51	24	10/13/2009
North Road	Circle Pines	55014	Anoka	350	1177	56	21	9/23/2009
49th Ave. NE	Columbia Heights	55421	Anoka	200	135	32	5	7/10/2009
49th Ave. NE	Columbia Heights	55421	Anoka	300	135	48	3	7/10/2009
Mississippi Blvd. NW	Coon Rapids	55433	Anoka	390	1512	56	27	3/11/2010
Northdale Blvd	Coon Rapids	55433	Anoka	624	925	90	23	1/26/2010
Raven Street NW	Coon Rapids	55433	Anoka	500	350	49	8	1/26/2010
Spring Brook Dr.	Coon Rapids	55433	Anoka	200	924	36	25	6/2/2009
Dogwood Street	Coon Rapids	55433	Anoka	429	375	71	6	1/26/2010
West Moore Lake Drive	Fridley	55432	Anoka	460	1282	26	49	6/29/2009
Moore Lake Drive W	Fridley	55432	Anoka	220	950	48	20	6/25/2009
Highway 65 NE	Fridley	55432	Anoka	150	213	2	107	2/9/2011
Bridge Street	St. Francis	55070	Anoka	500	405	34	12	3/29/2010
Ambassador Blvd	St. Francis	55070	Anoka	150	480	52	9	3/29/2010
University Avenue NE	Spring Lake Park	55432	Anoka	675	3125	2	1563	5/13/2010



Anoka County Flood Vulnerability Report

Anoka County Vulnerability Report

Historical Flood Hazard Overview

Historical Flood Hazards have been identified from the following community Flood Insurance Study (FIS) reports.

- City of Coon Rapids, MN September 1976
- City of Columbia Heights, MN March 1978
- City of Circle Pines, MN March 1978
- City of Centerville, MN June 2, 1999
- City of Blaine, MN June 17, 2002
- County of Anoka, Unincorporated Areas July 1979

The reports stated that Anoka County is susceptible to flooding due to the low-lying areas of the community adjacent to the Rum River, West Branch Sunrise River, Cedar Creek and Ford Brook. Flooding is mostly caused by snowmelt in combination with spring rains. Major floods on the Rum River occurred in 1952, 1965, 1969 and 1972.

Historical flood hazards in Anoka are also addressed in the Anoka County All Hazard Mitigation Plan prepared by Anoka County Emergency Management in 2006.

The 1997 spring flooding along the upper Minnesota River, Red River, Mississippi River and Rum River broke most existing flood records in Minnesota. The Federal Emergency Management Agency's (FEMA) estimate of public infrastructure damage in Minnesota from the flood was approximately \$300 million. Before the water receded, 58 of Minnesota's 87 counties were declared federal disaster areas. The American Red Cross reported that the massive floods affected 23,263 families. Total flood damages and associated economic impacts were estimated to be as high as \$2 billion.

The City of Anoka, which is located along the lower Rum River and Mississippi River was impacted to the extent that residents were evacuated, city streets closed, and septic and drain fields failed. Clean up was extensive in removing sandbags and debris. For Ramsey, Fridley and Anoka the likelihood of occurrence is moderate but the impact is considered high.

Columbia Heights also experienced flooding citywide in 1997, with street flooding and flooding of structures in low areas. The likelihood of occurrence is considered moderate. Loss impact of future occurrence is less likely due to mitigation projects to correct flooding problems although the impact will continue to be moderate.

In April of 2001 heavy snowfall during winter remained on the ground through the end of March and then rapidly melted, resulting in river stages close to record levels. Numerous roads and bridges were closed and thousands of sandbags used.



Coon Rapids located along the east bank of the Mississippi River experienced flooding from the Mississippi River in April of 1965, 1997 and 2001. All three years were the result of heavy spring rains combined with heavy winter snowfall amounts in the Mississippi River drainage areas. The southwest corner of the city required sandbagging for approximately 25 homes. Additional sandbagging was necessary for an additional 12 properties in the northwest corner of the city. The river overflowing its banks threatens homes and property, utilities, and back-flooding of sanitary and storm water sewer systems. Out of banks flooding is likely to occur once or twice per decade. Future impact is considered moderate.

In Blaine flooding occurs during heavy rains especially in the spring when melting snow contributes water to the area. Major flooding occurred in July of 2002. Flooding occurred citywide and inundated many basements. Blaine is about 60% developed and is comprised of a considerable amount of "low land" which is drained by watershed ditches. As the city becomes more developed and more houses and streets are constructed, heavy rains will likely cause similar flooding. Future occurrence will result in street flooding that interrupts traffic flow and consumes resources, detouring traffic and marking hazards. Damage may also be sustained by citizens of older home that lack waterproofed basements.

Historical Flood Events

In the past decade, 12 flood events were reported to the National Climatic Data Center (NCDC) for Anoka County. The most costly flood event, in terms of property and crop damage, occurred in 2001 from April 1 to April 30 across 42 counties in Minnesota. Heavy snowfall during winter remained on the ground through the end of March and then rapidly melted, resulting in river stages close to record levels. Water began to gush through drainage ditches, streams and into the mainstem rivers during midday April 1. Heavy rain April 7-8 over much of central Minnesota prolonged the high water and also added one or two feet to many crests during mid April. Another period of heavy rain April 22-23 (see corresponding flood entry) caused rivers to crest again in late April and early May; in some cases the crest was higher than the first. Many rivers remained well above flood stage into mid-May (see May 2001 Storm Data). The crest at Montevideo on the Minnesota River was the second highest ever; only 1.3 feet lower than in 1997. The crest at Stillwater on the St. Croix River was the second highest crest ever; only 1.8 feet lower than in 1965. The crest on the Minnesota River at Henderson came within one half foot of its record level that was set in 1965. The Mississippi River at St. Paul, Hastings, and Red Wing crested at its third highest level ever, lower only than during the floods of 1965 and 1969. Numerous roads and bridges were closed, millions of sandbags used, and approximately 200 homes and businesses were partially submerged with flood waters. About 100 homes and businesses were damaged beyond repair.

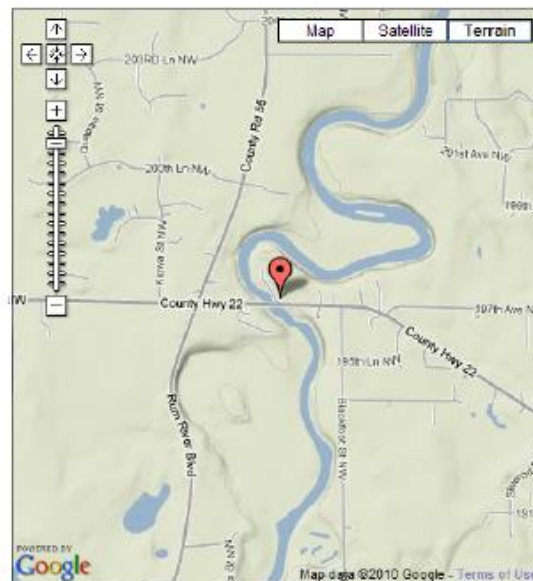
Table 1 lists Anoka County's historical floods since 1997 as recorded by NCDC.

Anoka County	6/20/2005	12:45 PM	Flash Flood	N/A	0	0	5K	0
Anoka County	7/23/2005	10:00 AM	Flash Flood	N/A	0	0	0	0
Fridley	9/4/2005	6:00 AM	Flash Flood	N/A	0	0	0	0
South Portion	9/21/2005	6:30 PM	Flash Flood	N/A	0	0	0	0
South Portion	10/4/2005	7:30 PM	Flash Flood	N/A	0	0	0	0
Johnsville	8/8/2009	9:43 AM	Flash Flood	N/A	0	0	0	0

The National Oceanic and Atmospheric Administration (NOAA) Advanced Hydrologic Prediction Service provides information from gauge locations at points along various rivers across the United States. For Anoka County, data is provided for two points: Rum River at St. Francis and Mississippi River at Anoka

The stream gauge location for Rum River at St. Francis is pictured in Figure 1.

Figure 1: Stream Gauge Location for Rum River at St. Francis



The highest historical crests are shown below in Table 2.

Table 2: Historical Flood Crests for Rum River at St. Francis

Date	Height (Feet)
04/13/1989	11.63
04/20/1985	11.57
07/29/1972	11.20
04/13/1952	11.03
04/28/2001	10.47
06/18/1984	10.40
05/03/1975	10.20
04/10/1997	10.09
04/15/2001	9.90
04/06/1986	9.60

The stream gauge location for Mississippi River at Anoka is pictured in Figure 2.

Figure 2: Stream Gauge Location for Mississippi River at Anoka



The flood categories, the flood impacts and the highest historical crests are shown below in Tables 3a, 3b and 3c.



Anoka County Multi-Jurisdictional All Hazards Mitigation Plan

The Polis Center
Flood Analysis for Anoka County

Minnesota Pre-Disaster Mitigation Plan

Table 3a: Flood Categories for Mississippi River at Anoka

Flood Categories	Height (Ft)
Major Flood Stage	841
Moderate Flood Stage	840
Flood Stage	838
Action Stage	836

Table 3b: Flood Impacts for Mississippi River at Anoka

Height (Ft)	Impact
842.4	Some evacuation of residences in Anoka may occur at this level.
840.4	Water begins flooding 2nd Avenue and Jefferson Street.
840	Water begins flooding 1st Avenue and Jefferson Street.
839.3	Water begins flooding Rice Street and Levee Avenue.
838.6	Water begins flooding 1st Avenue and Adams Street.
838.2	Water begins flooding Rice Avenue and Jefferson Street.

Table 3c: Historical Flood Crests for Mississippi River at Anoka

Date	Height (Feet)
04/12/1985	843.70
04/17/1985	843.40
03/08/1984	842.40
03/29/1957	841.55
04/15/1952	841.20
04/09/1997	840.50
06/17/1986	839.40
04/15/2001	839.10
04/07/1952	838.80
04/16/1960	838.40

HAZUS-MH Hazard Analysis

Flood analysis for Anoka County was performed using HAZUS-MH MR4 released in August 2009. The bundled aggregated general building stock was updated to Dun & Bradstreet 2006. Building valuations were updated to R.S. Means 2006. Building counts based on census housing unit counts are available for RES1 (single-family dwellings) and RES2 (manufactured housing) instead of calculated building counts.

The site specific inventory (specifically Schools, Hospitals, Fire Stations and Police Stations) was updated using the best available statewide information.

HAZUS-MH was used to generate the flood depth grid for a 100-year return period calculated by clipping the USGS 30m DEM to the DNR Q3 boundary.

Figure 3 depicts the flood boundary from the HAZUS-MH analysis.

Figure 3: Anoka County HAZUS-MH Analysis (100-Year Flood)





HAZUS-MH Aggregate Loss Analysis

HAZUS-MH was used to estimate the damages incurred for a 100-year flood event in Anoka County. An estimated 2,935 buildings will be damaged totaling \$586 million in building losses and \$1.1 billion in total economic losses. The total estimated number of damaged buildings, total building losses, and estimated total economic losses are shown in Table 3.

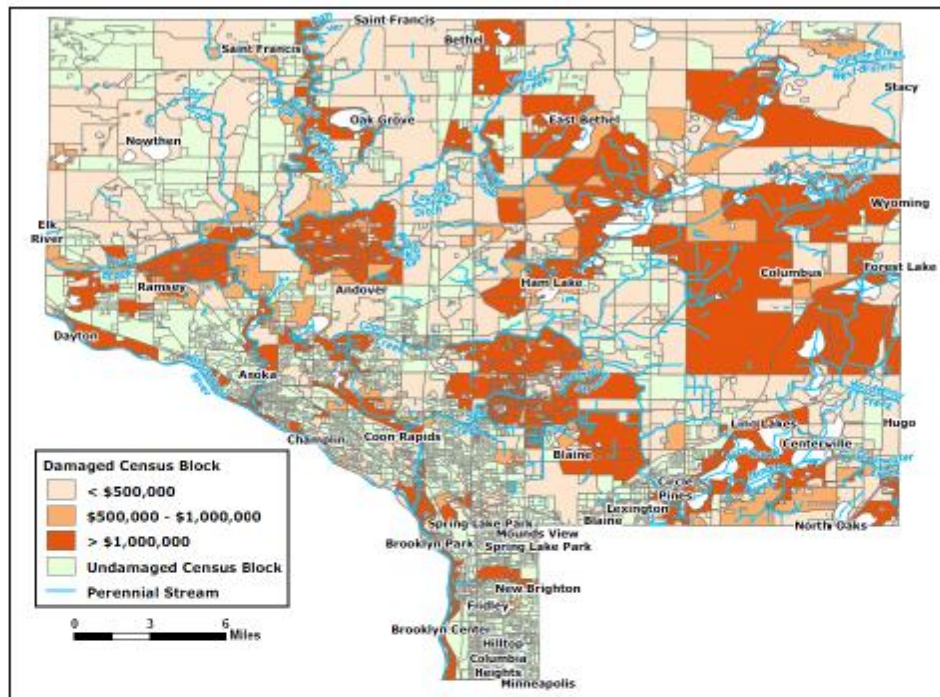
Table 3: Anoka County Total Economic Loss - 100-Year Flood

General Occupancy	Estimated Total Buildings	Total Damaged Buildings	Total Building Exposure X 1000	Total Economic Loss X 1000	Building Loss X 1000
Agricultural	341	0	\$74,179	\$7,233	\$1,920
Commercial	5,193	24	\$3,191,541	\$226,427	\$60,617
Education	99	0	\$220,910	\$13,286	\$2,055
Government	75	0	\$79,675	\$5,395	\$572
Industrial	2,198	2	\$1,636,292	\$100,570	\$30,279
Religious/Non-Profit	316	0	\$288,102	\$34,367	\$4,698
Residential	99,195	2,909	\$18,677,168	\$742,739	\$485,915
Total	107,417	2,935	\$24,167,867	\$1,130,017	\$586,056

HAZUS-MH estimates 309 census blocks with losses exceeding \$1 million. The distribution of losses is shown in Figure 4.

The reported building counts should be interpreted as degrees of loss rather than as exact numbers of buildings exposed to flooding. These numbers were derived from aggregate building inventories which are assumed to be dispersed evenly across census blocks. HAZUS-MH requires that a predetermined amount of square footage of a typical building sustain damage in order to produce a damaged building count. If only a minimal amount of damage to buildings is predicted, it is possible to see zero damaged building counts while also seeing economic losses.

Figure 4: Anoka County Total Economic Loss - 100-Year Flood



Census blocks of concern should be reviewed in more detail to determine the actual percentage of facilities that fall within the flood hazard areas. The aggregate losses reported in this study may be overstated. The figures 5a and 5b below are examples of census blocks where the highest damages were reported.

Figure 5a: Flood Damage Exposure in southwest side of Ham Lake City

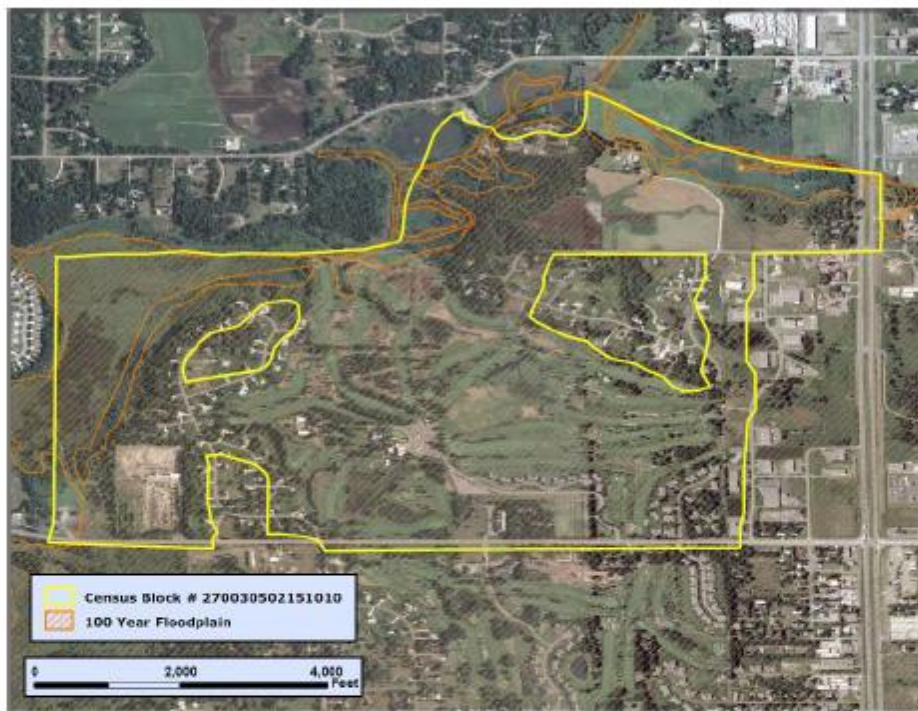


Figure 5a shows census blocks overlaid with the flood boundary and orthophoto of Ham Lake City. Census block # 270030502151010 has an estimated building loss of \$12.7 million and a total economic loss of \$29.2 million. The overlay shows significant flooding in this census block and several buildings are at risk.

Figure 5b: Flood Damage Exposure in eastside of Anoka



Figure 5b shows census blocks overlaid with the flood boundary and orthophoto of Anoka. Census block # 270030504003002 has an estimated building loss of \$9.9 million with a total loss of \$16.8 million. Although the overlay shows moderate flooding in this census block, few buildings are at risk.



HAZUS-MH Essential Facility Loss Analysis

Essential facilities encounter the same impacts as other buildings within the flood boundary: structural failure, extensive water damage to the facility, and loss of facility functionality (i.e. a damaged police station will no longer be able to serve the community).

The HAZUS-MH analysis identified 13 facilities that may be subject to flooding. A list of the essential facilities within Anoka County that may experience damages is included in Tables 4 and 5. A map of some essential facilities potentially at risk to flooding is shown in Figure 6.

Table 4: Anoka County Essential Facility Loss - 100-Year Flood

Class	Building Count	At Least Moderate Damage	At Least Substantial Damage	Loss of Use
Care Facilities	9	0	0	0
Fire Stations	30	4	0	0
Police Stations	11	0	0	0
Schools	158	9	0	2
Total	208	13	0	2

Table 5: Anoka County Damaged Essential Facilities

Facility Name
Johnsville Elementary School
Anthony Louis
New connections - compass
Roosevelt Middle School
Rum River elementary
Blaine Northside Christian
The Way of the Shepherd School
Tarek Ibn Ziyad Academy
North Point Elementary
Linwood Volunteer Fire Department
Centennial Fire District Station 3
East Bethel Fire Department Station 1
Spring Lake Park Blaine-Mountain View Fire Station

Figure 6: 100-Year Flood Boundary Overlaid with Essential Facilities



HAZUS-MH Shelter Requirement Analysis

HAZUS-MH estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS-MH also estimates those displaced people that may require accommodations in temporary public shelters. The model estimates 15,715 households may be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these 40,982 people (out of a total population of 298,084) may seek temporary shelter in public shelters.

HAZUS-MH Debris Generation Analysis

HAZUS estimates the amount of debris that may be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.



Anoka County Multi-Jurisdictional All Hazards Mitigation Plan

The Polis Center
Flood Analysis for Anoka County

Minnesota Pre-Disaster Mitigation Plan

The model estimates that a total of 58,810 tons of debris may be generated. Of the total amount, Finishes comprises 43% of the total, Structure comprises 33% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 2,352 truckloads (@25 tons/truck) to remove the debris generated by the flood.

HAZUS-MH State Property Loss Analysis

The HAZUS-MH generated flood boundaries were overlaid with the State of Minnesota owned buildings to determine if any structures are at risk to flooding. State properties of concern should be reviewed in more detail to determine if the buildings actually fall within the flood hazard areas. Table 6 provides a list of state owned buildings impacted by the flood. Figures 7 and 8 shows one of the inundated areas.

Table 6: Anoka County State Owned Buildings Flood Inundation

Name	Address
C.A. Game Farm	18310 Zodiac St
C.A. Game Farm	18310 Zodiac St
C.A. Game Farm	18310 Zodiac St
Carlos Avery Wildlife - New Refuge	18310 Zodiac St
Carlos Avery Wildlife - New Refuge	18310 Zodiac St
Lino Lakes 800mhz Radio Tower	7525 4th Avenue
E Infirmary	7525 4th Avenue
Lino Lakes 800 Mhz - Radio Twr	7525 4th Avenue
Truck Gate Shelter	7525 4th Avenue
L-1 Cottage Mayo	7525 4th Avenue
J-1 Cottage Kellogg	7525 4th Avenue
F-1 Sotp Program	7525 4th Avenue
G North/South Operations	7525 4th Avenue
K-4	7525 4th Avenue
K-3	7525 4th Avenue
C Activities	7525 4th Avenue
P Sewage Treatment	7525 4th Avenue
U Building, Warehouse	7525 4th Avenue
R "A" Control Center/Lobby	7525 4th Avenue
Sotp Annex	7525 4th Avenue
Engineer Pole Barn	7525 4th Avenue
A Power House	7525 4th Avenue
Triad	7525 4th Avenue
Education	7525 4th Avenue
Mco Shack	7525 4th Avenue
"Q" Building Maint/Industry	7525 4th Avenue
Tunnels	7525 4th Avenue
South Unit	7525 4th Avenue
U Annex	7525 4th Avenue

The Polis Center
Flood Analysis for Anoka County

Minnesota Pre-Disaster Mitigation Plan

Trades Pole Barn	7525 4th Avenue
Greenhouse	7525 4th Avenue
Greenhouse Storage	7525 4th Avenue
Radio Tower	7525 4th Avenue
M Pump House	7525 4th Avenue
L-2 Cottage Sibley	7525 4th Avenue
S Maintenance Garage	7525 4th Avenue
N-Valve House	7525 4th Avenue
J-2 Cottage Andrews	7525 4th Avenue
H Building Food Serv	7525 4th Avenue
T Building , Storage/Grounds	7525 4th Avenue
Bldg Intake/Visiting/Seg/West	7525 4th Avenue
F-2 Administration	7525 4th Avenue
J-3 Cottage Carver	7525 4th Avenue
Outside Maintenance	7525 4th Avenue
Atc2	Unknown
Atc7	Unknown

Figure 7: Boundary of 100-Year Flood Overlaid with State of Minnesota Buildings



Figure 8: Boundary of 100-Year Flood Overlaid with State of Minnesota Buildings





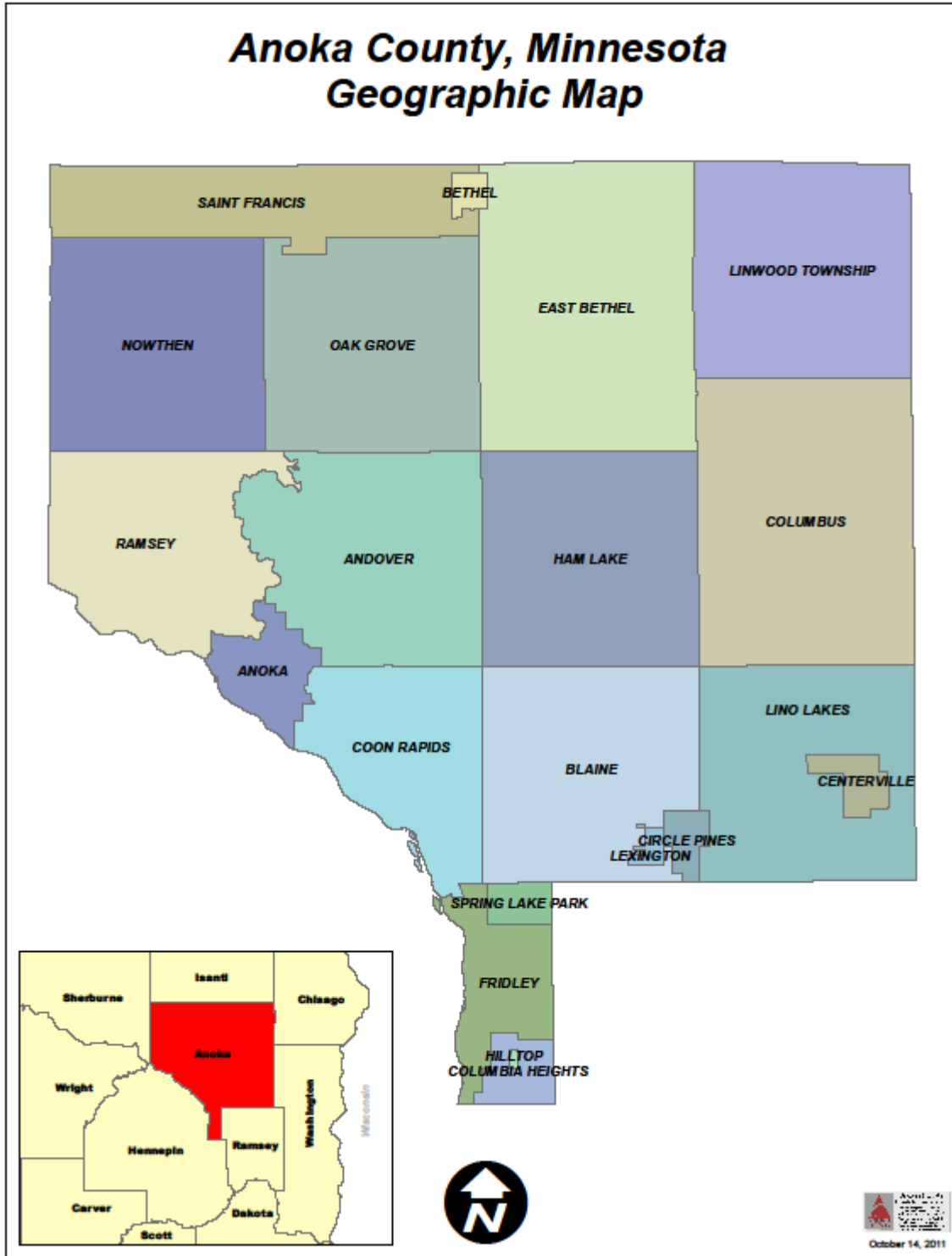
Appendix B Jurisdiction and Hazard Maps

COUNTY INFORMATION MAPS	
X	County Geographic Map
X	County Geology Map
X	County Housing Cost Map
X	County Housing Cost Quadrant Maps
X	County Housing Density Map
X	County Population Density Map
X	County Topographical Map
X	County Transportation Map – includes Highways, Railroads, Airport, Water, Bridges
COUNTY HAZARD MAPS	
X	Critical Facilities Map
X	Critical Facilities Quadrant Maps
X	Floodplain Map (100/500 year)
X	Floodplain Quadrant Maps (100/500 year with facilities in hazard)
X	Floodplain City Maps (100/500 year with facilities in hazard)
X	Terrorist Target with structures within 1 square block Map
X	Tier II Facility Hazard location Map
X	Tier II Facility Hazard Map (largest with Structures within a 3 mile Radius)
X	Tornado Hazard with structures Map
X	Railroad Siding Location area with facilities within hazard Map

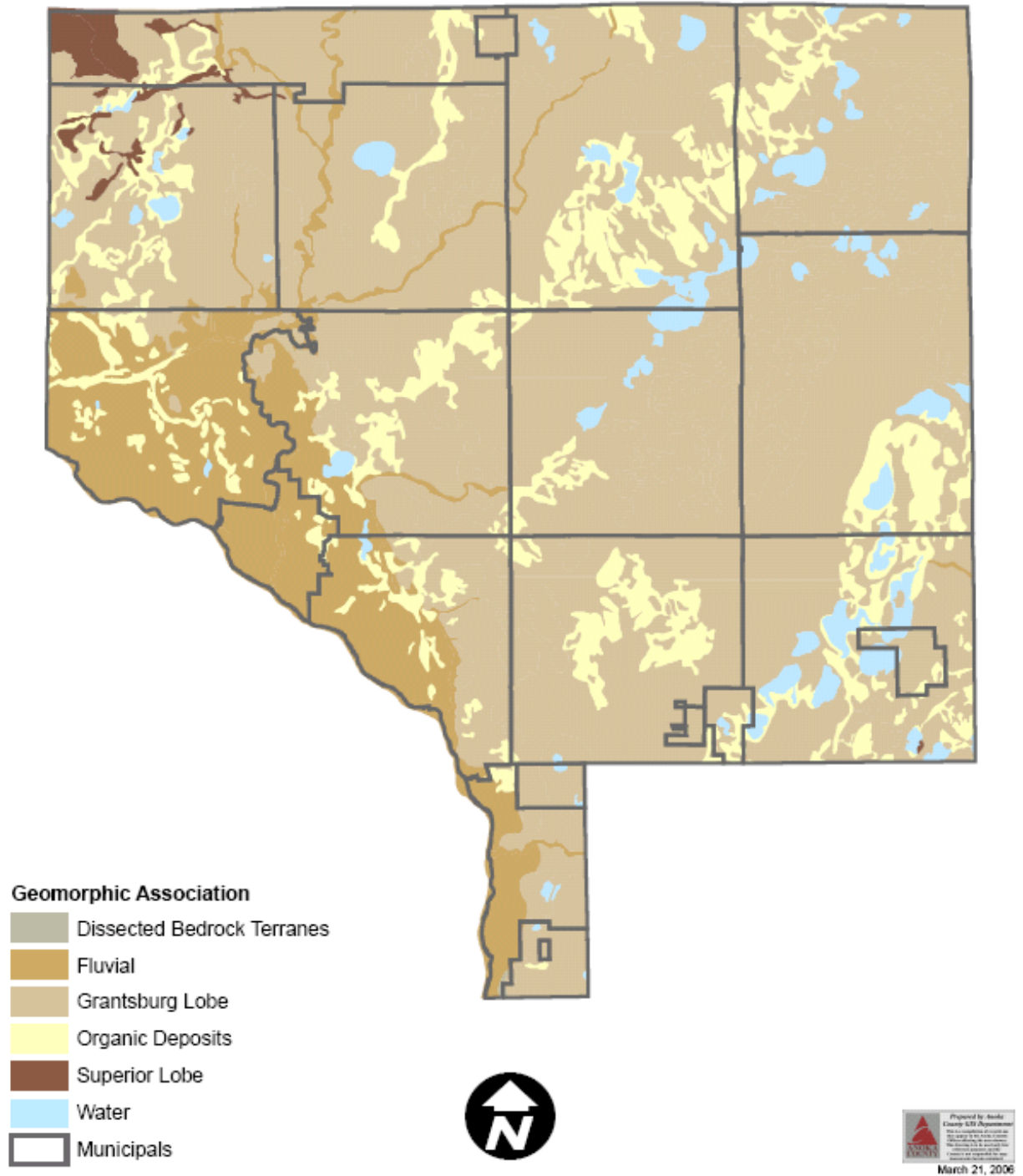
These Geospatial maps used though out the County Wide Hazard Mitigation Plan were created in ArcGis using a variety of sources including;

- Anoka County Property Tax Records
- United States Census Data
- SARA Title III Data for Anoka County
- Federal Emergency Management Agency FIRM Maps
- United States Geological Survey Topography Maps

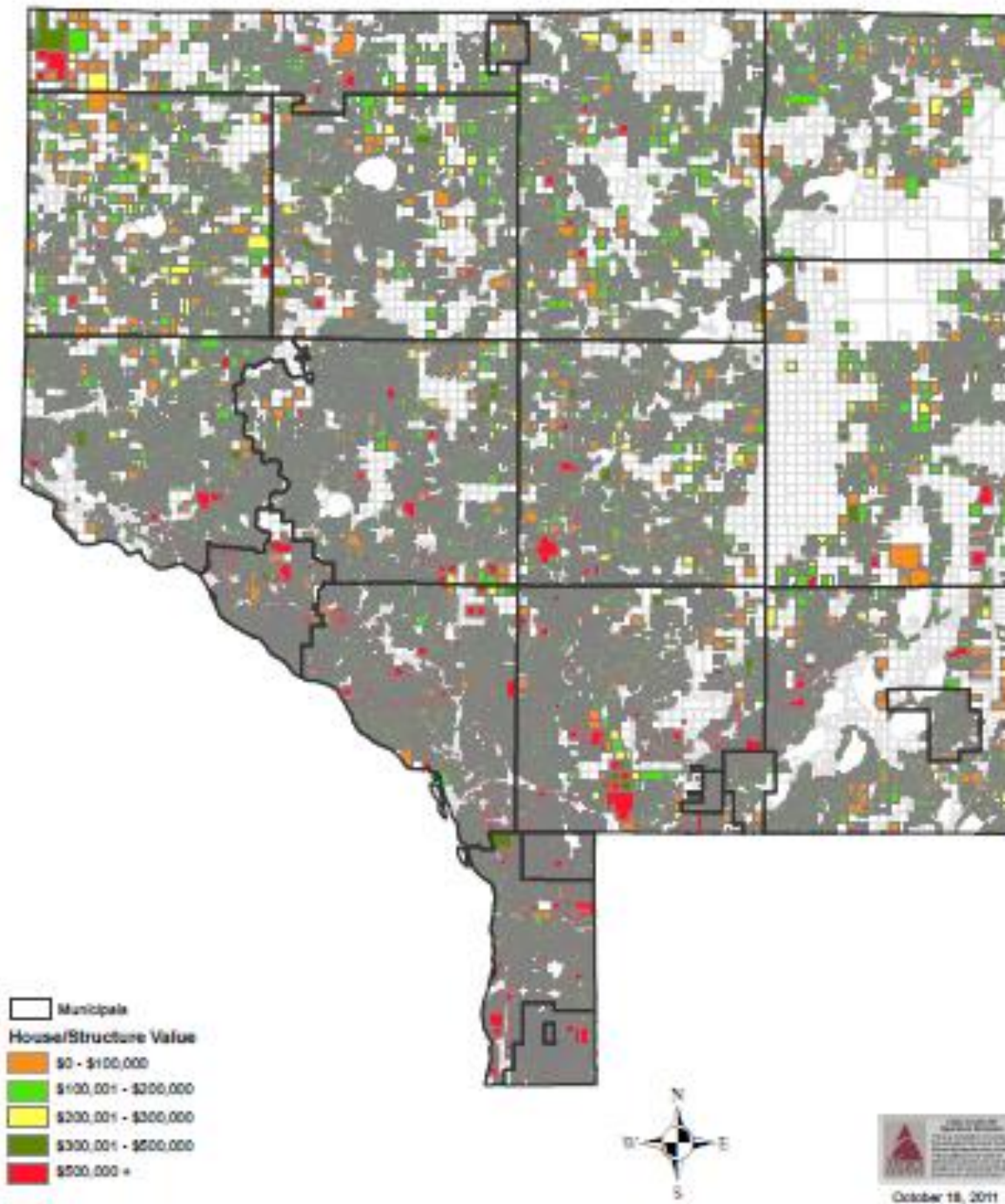
(Double Click on Anoka County, Minnesota Graphic Map to open map series in Adobe Reader)



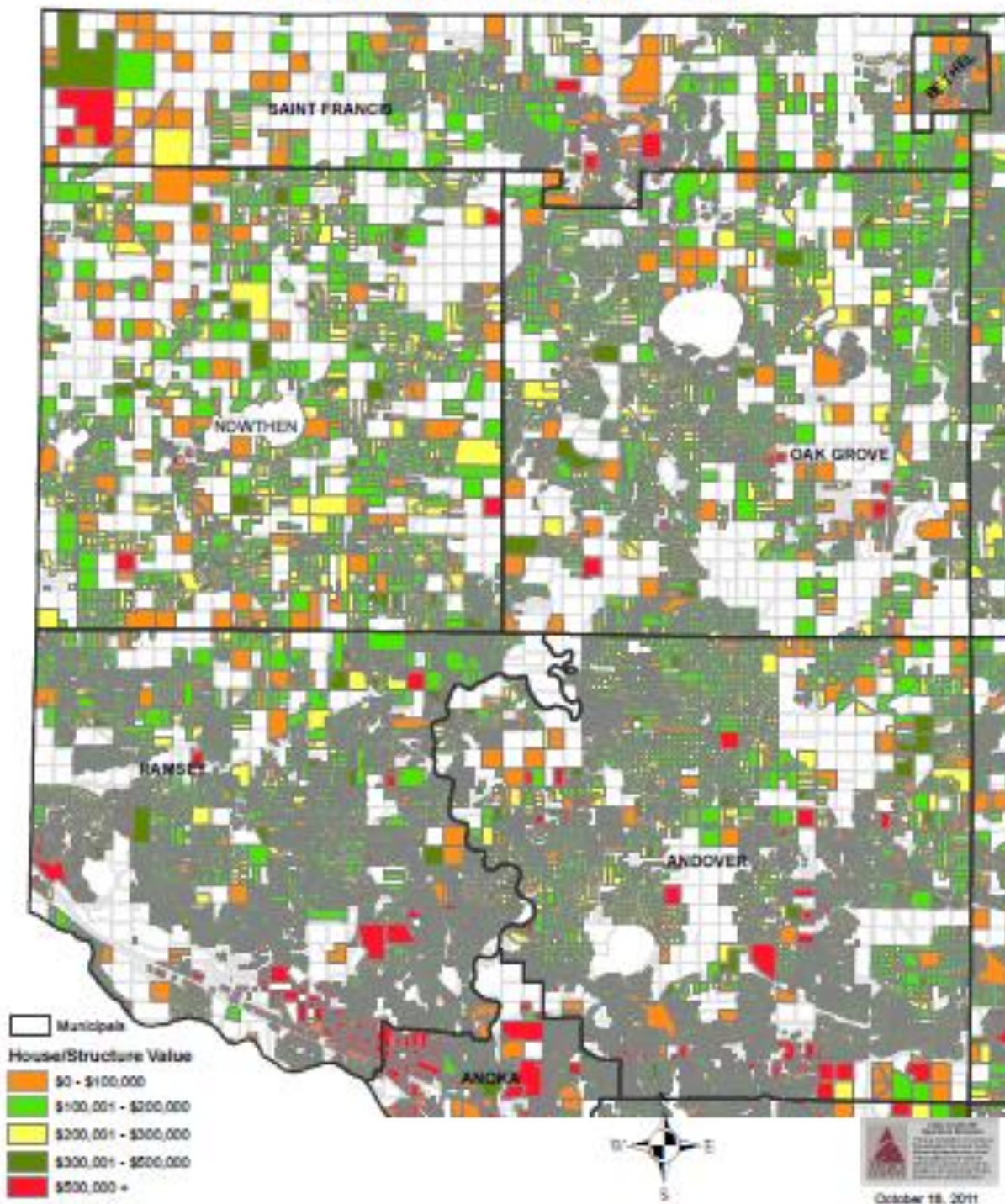
Anoka County, Minnesota - Geologic Map



Anoka County, Minnesota Housing Cost Map



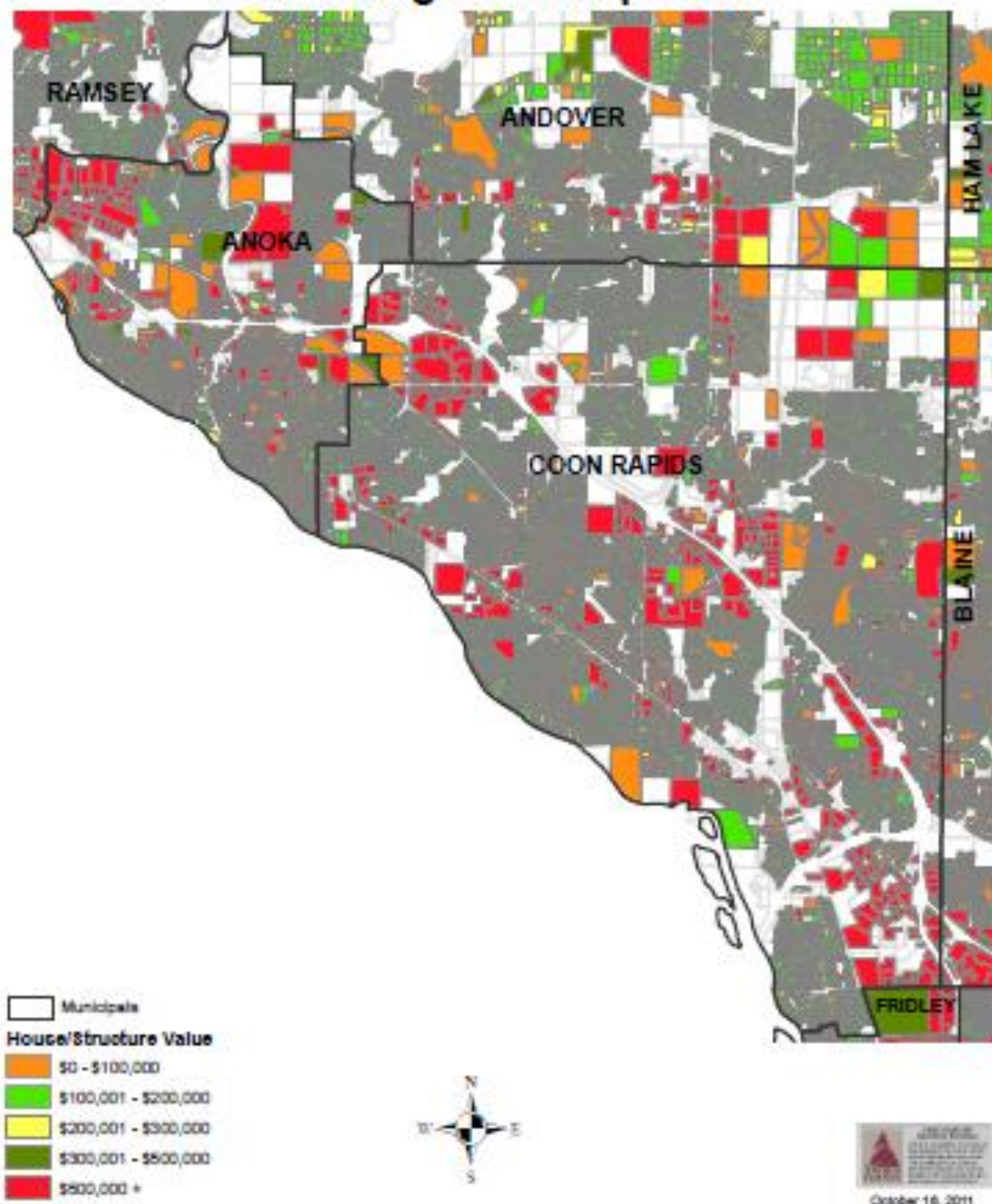
Anoka County, Minnesota Housing Cost Map - NW

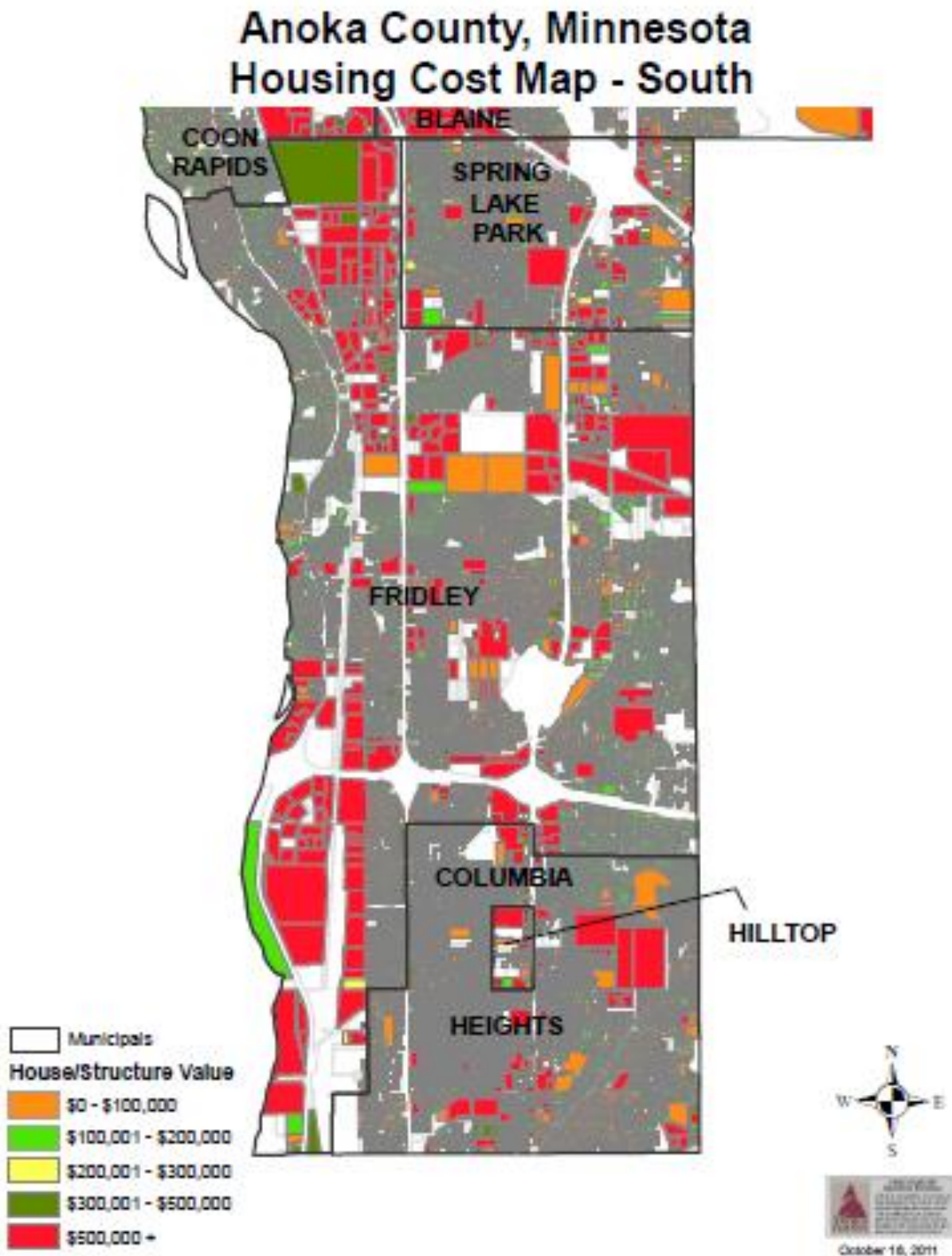


Anoka County, Minnesota Housing Cost Map - NE

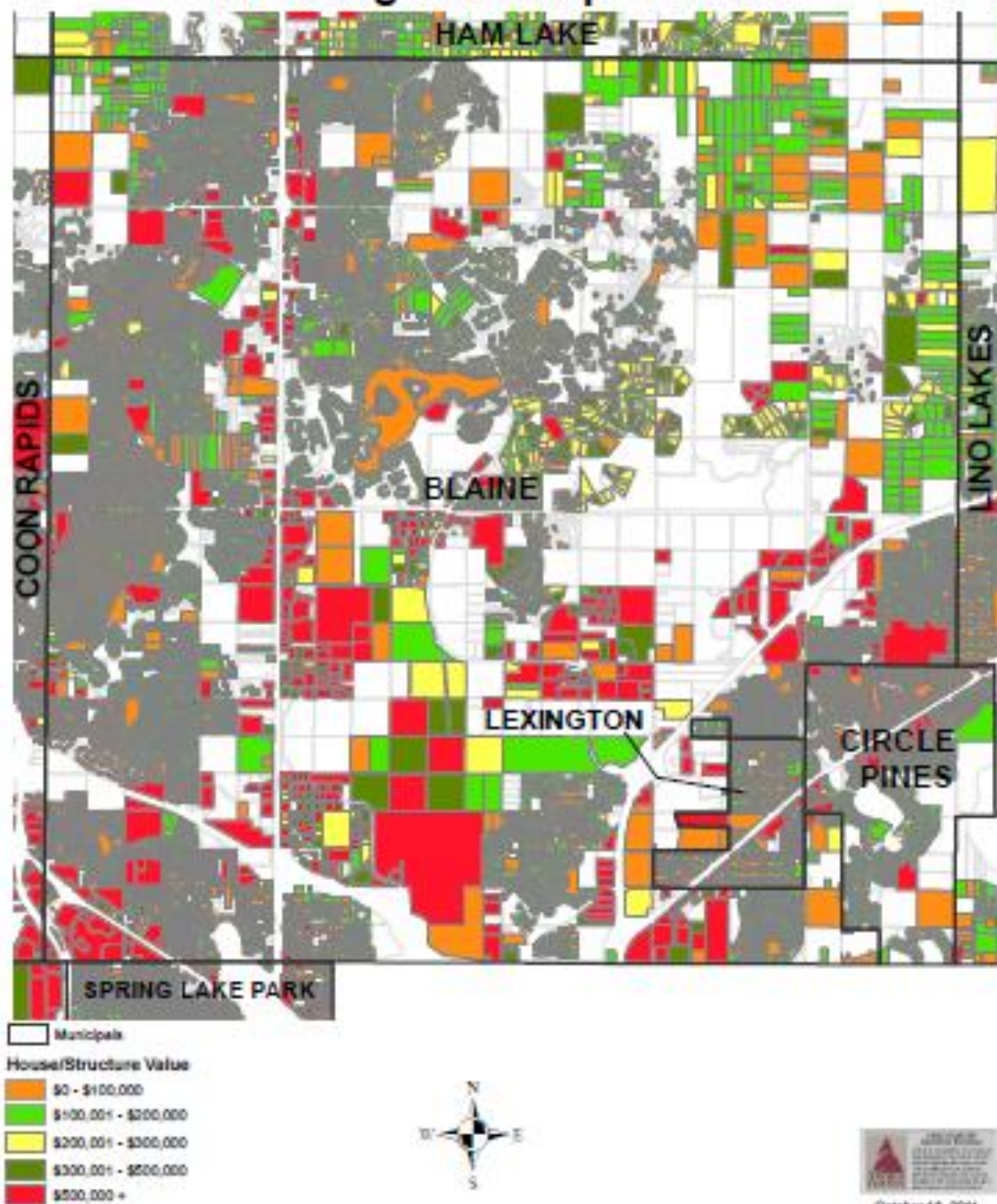


Anoka County, Minnesota Housing Cost Map - SW

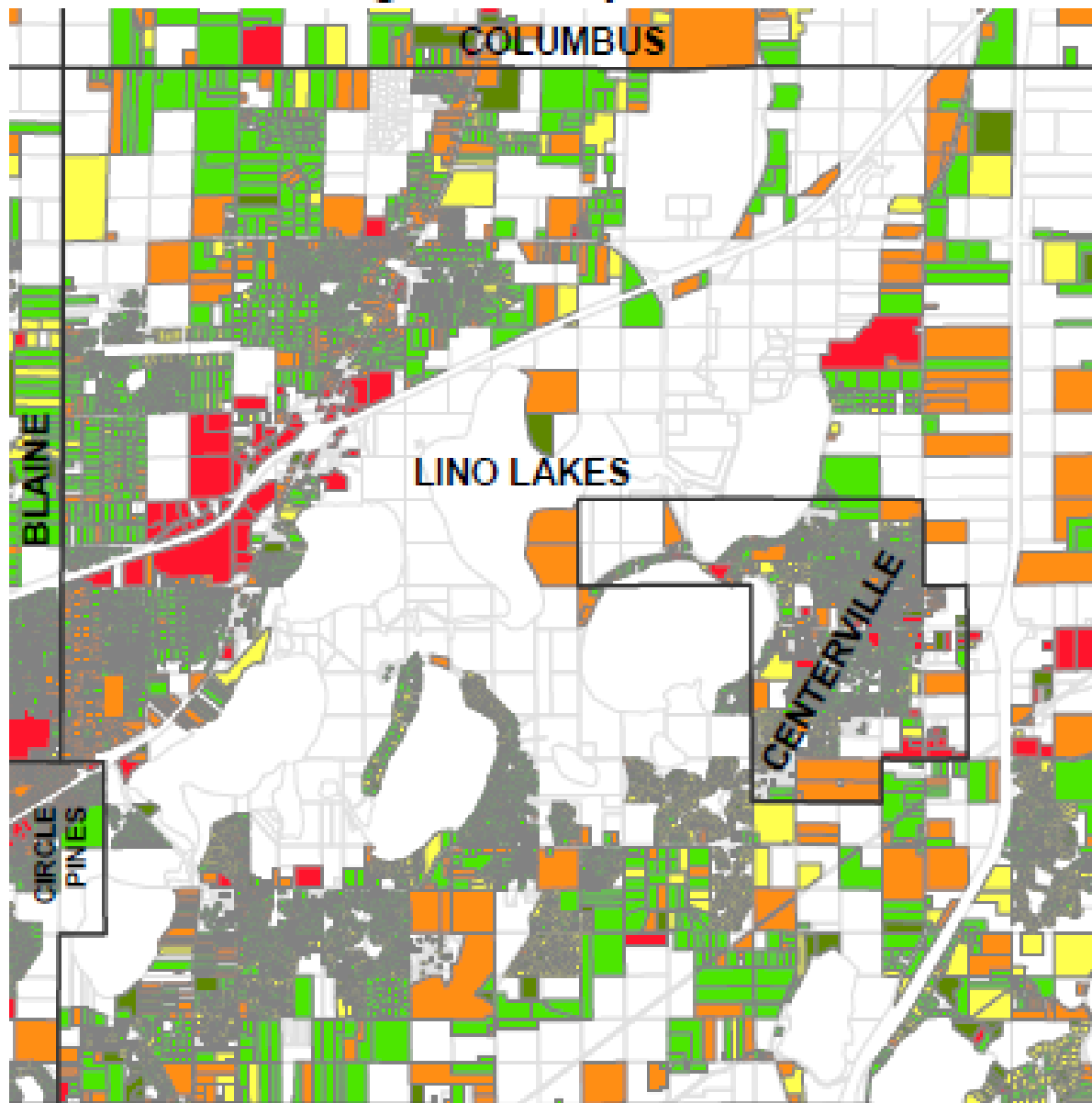


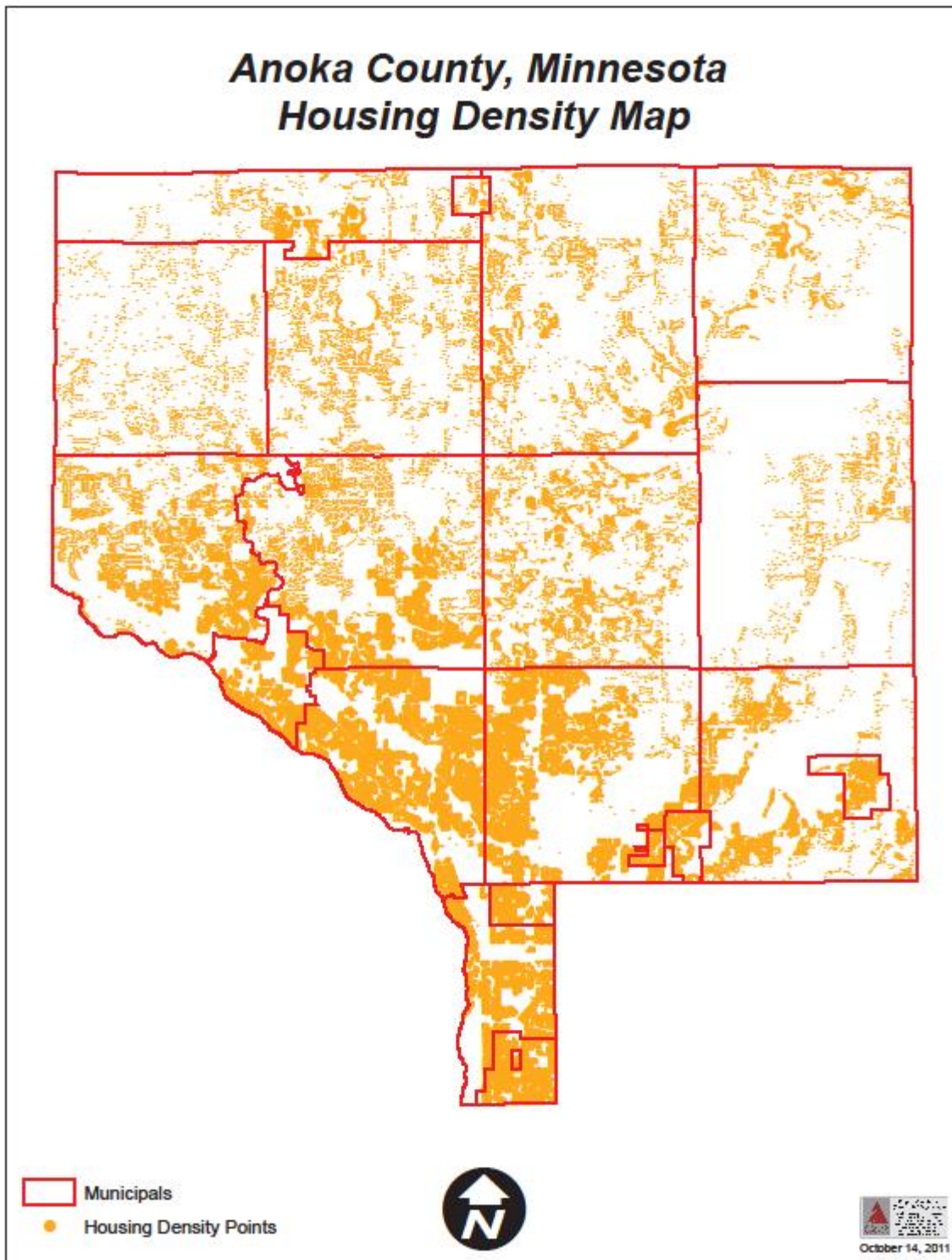


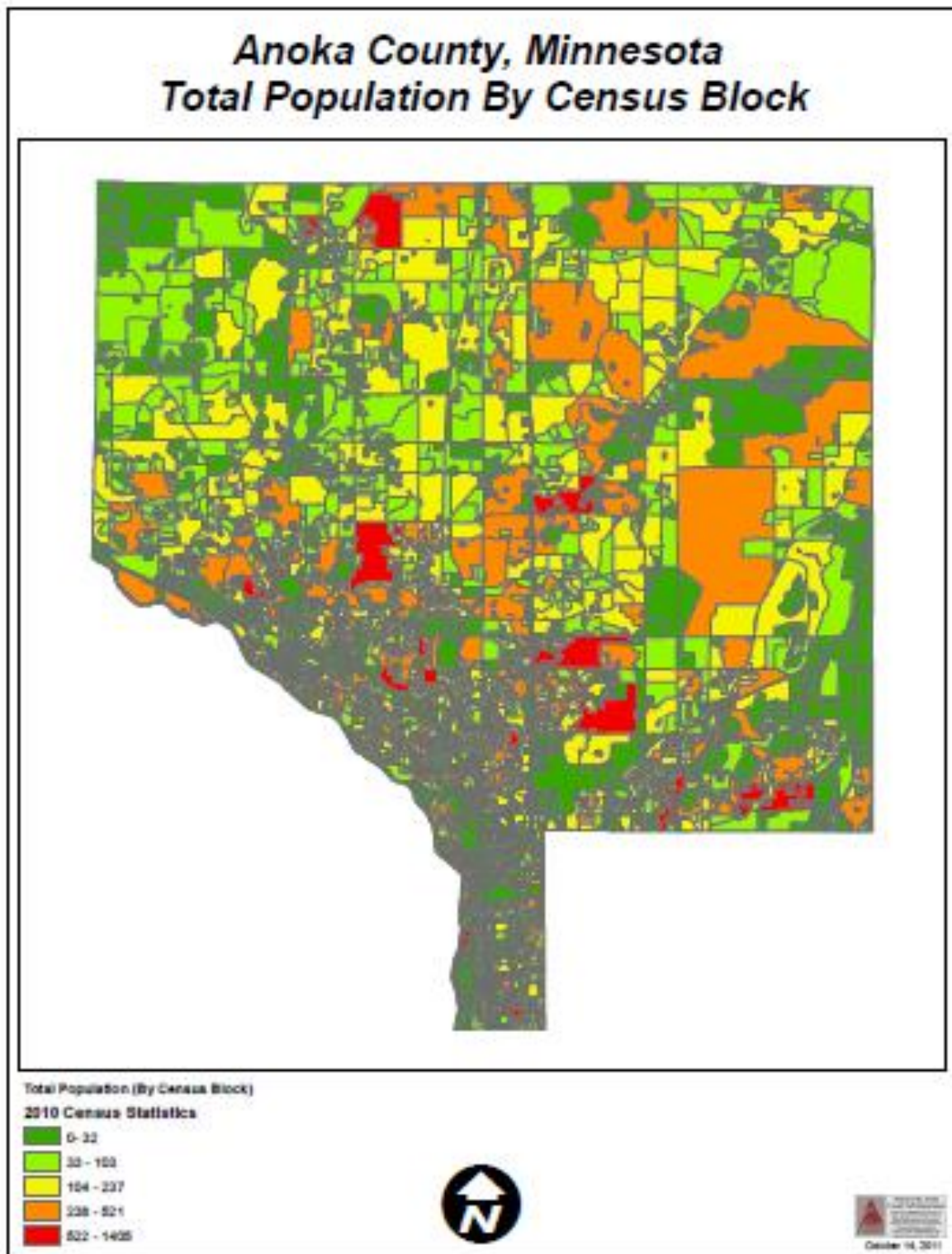
Anoka County, Minnesota Housing Cost Map - Blaine

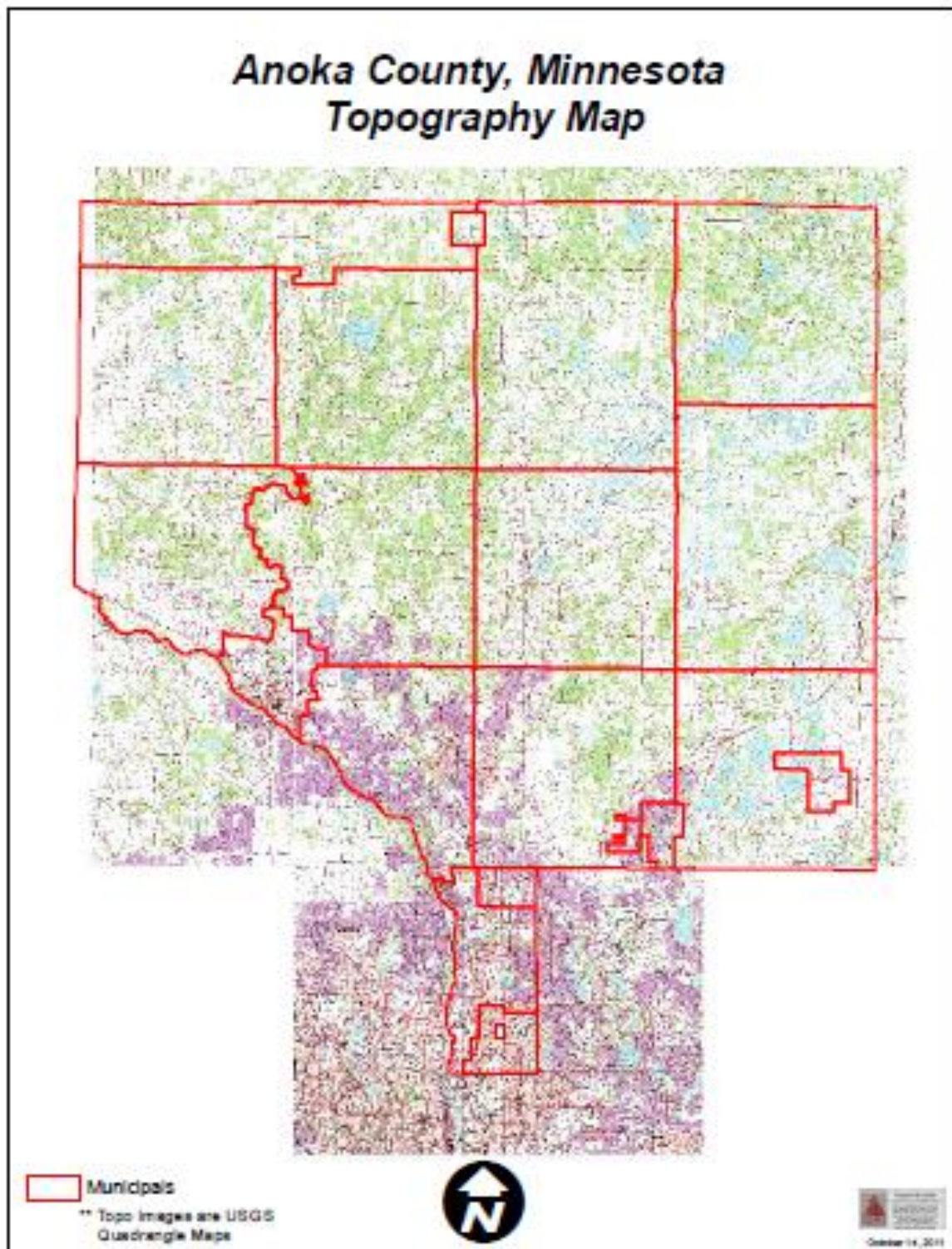


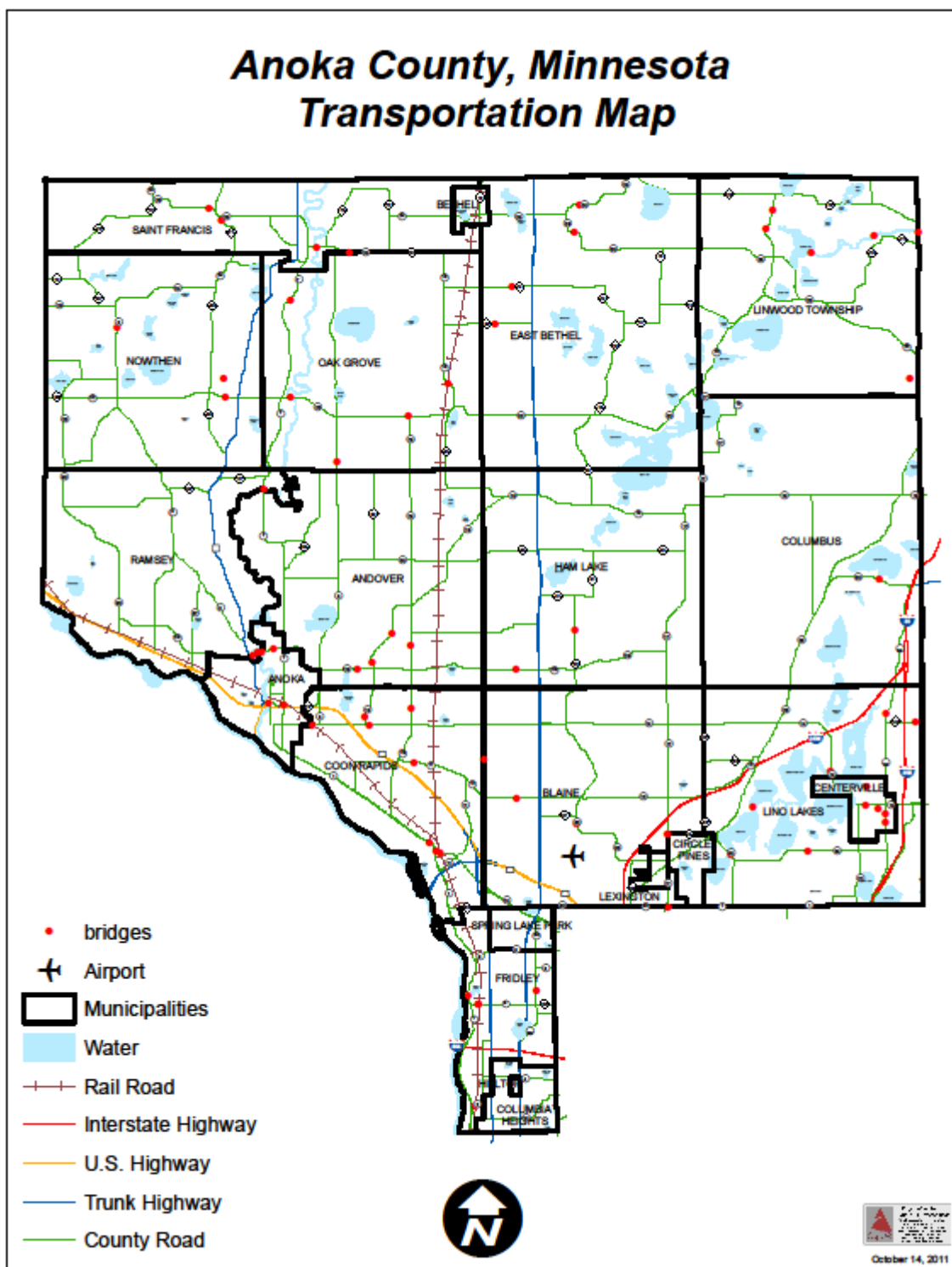
Anoka County, Minnesota Housing Cost Map - Lino Lakes



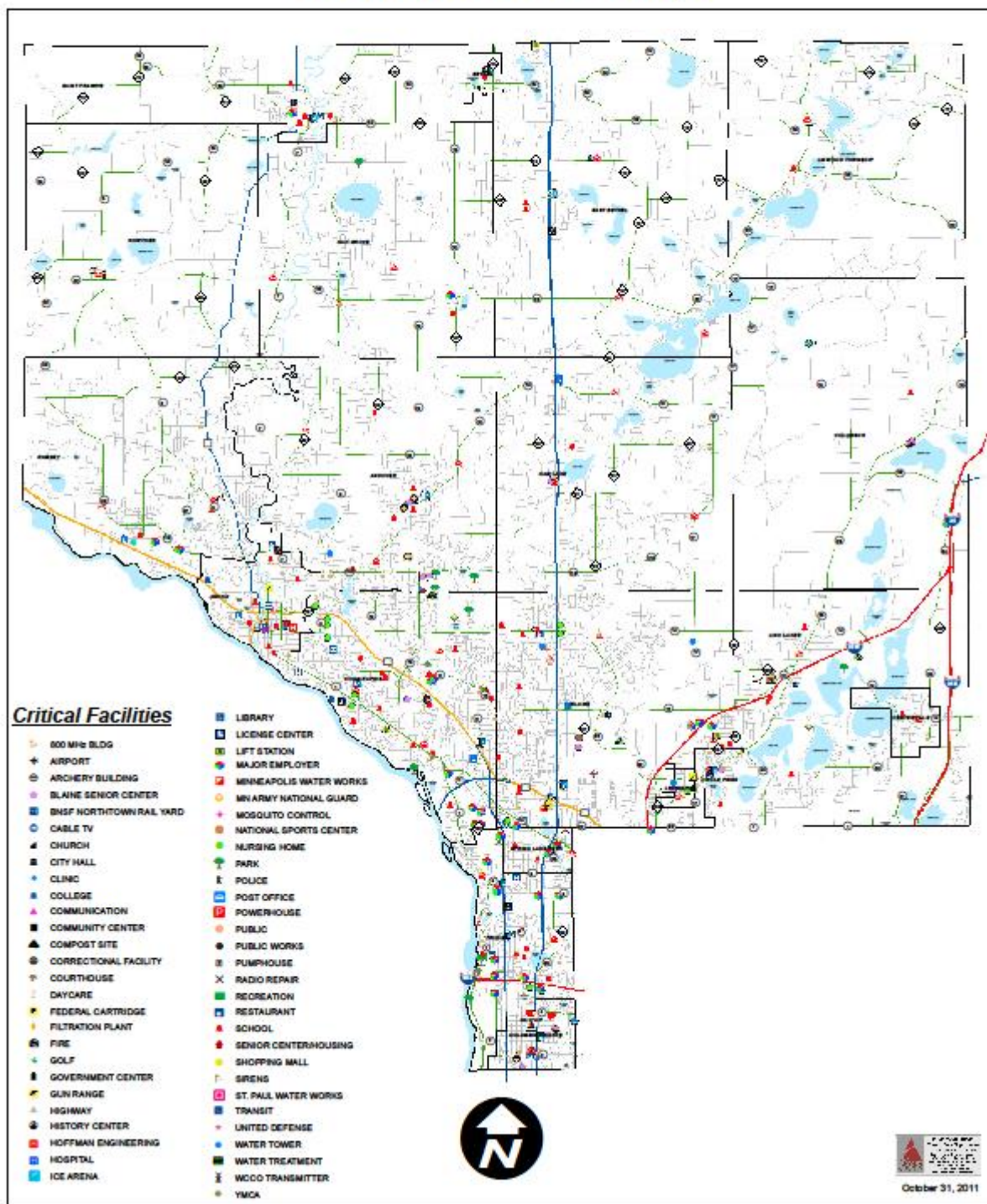




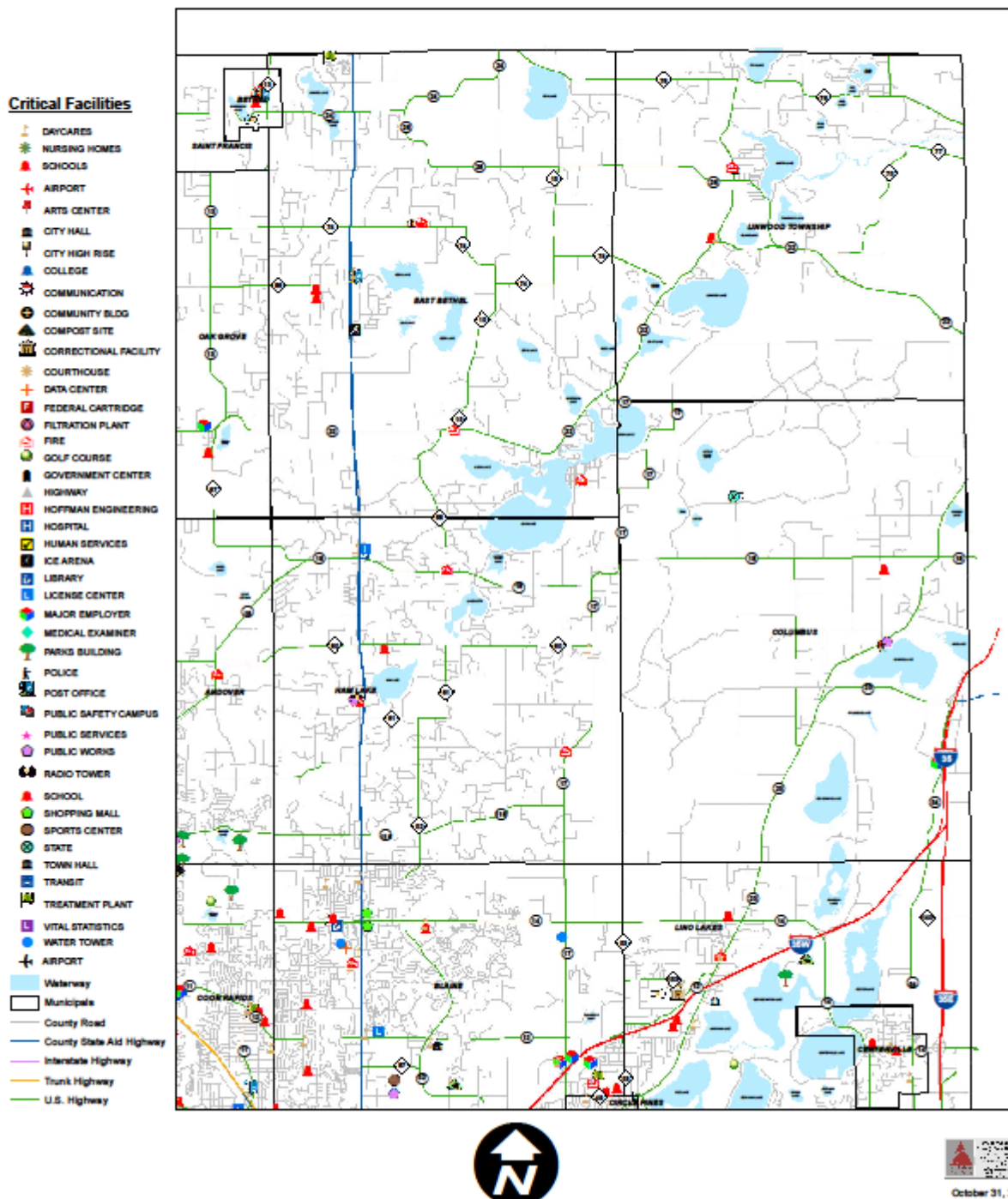




Anoka County, Minnesota Critical Facilities Map







Anoka County, Minnesota Critical Facilities Map - NE



Anoka County, Minnesota Critical Facilities Map - NW

Critical Facilities

-  DRYCURES
-  NURSING HOMES
-  SCHOOLS
-  AIRPORT
-  ARTS CENTER
-  CITY HALL
-  CITY HIGH RISE
-  COLLEGE
-  COMMUNICATION
-  COMMUNITY BLDG
-  COMPOST SITE
-  CORRECTIONAL FACILITY
-  COURTHOUSE
-  DATA CENTER
-  FEDERAL CARTRIDGE
-  FILTRATION PLANT
-  FIRE
-  GOLF COURSE
-  GOVERNMENT CENTER
-  HIGHWAY
-  HOFFMAN ENGINEERING
-  HOSPITAL
-  HUMAN SERVICES
-  ICE ARENA
-  LIBRARY
-  LICENSE CENTER
-  MAJOR EMPLOYER
-  MEDICAL EXAMINER
-  PARKS BUILDING
-  POLICE
-  POST OFFICE
-  PUBLIC SAFETY CAMPUS
-  PUBLIC SERVICES
-  PUBLIC WORKS
-  RADIO TOWER
-  SCHOOL
-  SHOPPING MALL
-  SPORTS CENTER
-  STATE
-  TOWN HALL
-  TRANSIT
-  TREATMENT PLANT
-  VITAL STATISTICS
-  WATER TOWER
-  AIRPORT
-  Waterway
-  Municipals
-  County Road
-  County State Aid Highway
-  Interstate Highway
-  Trunk Highway
-  U.S. Highway

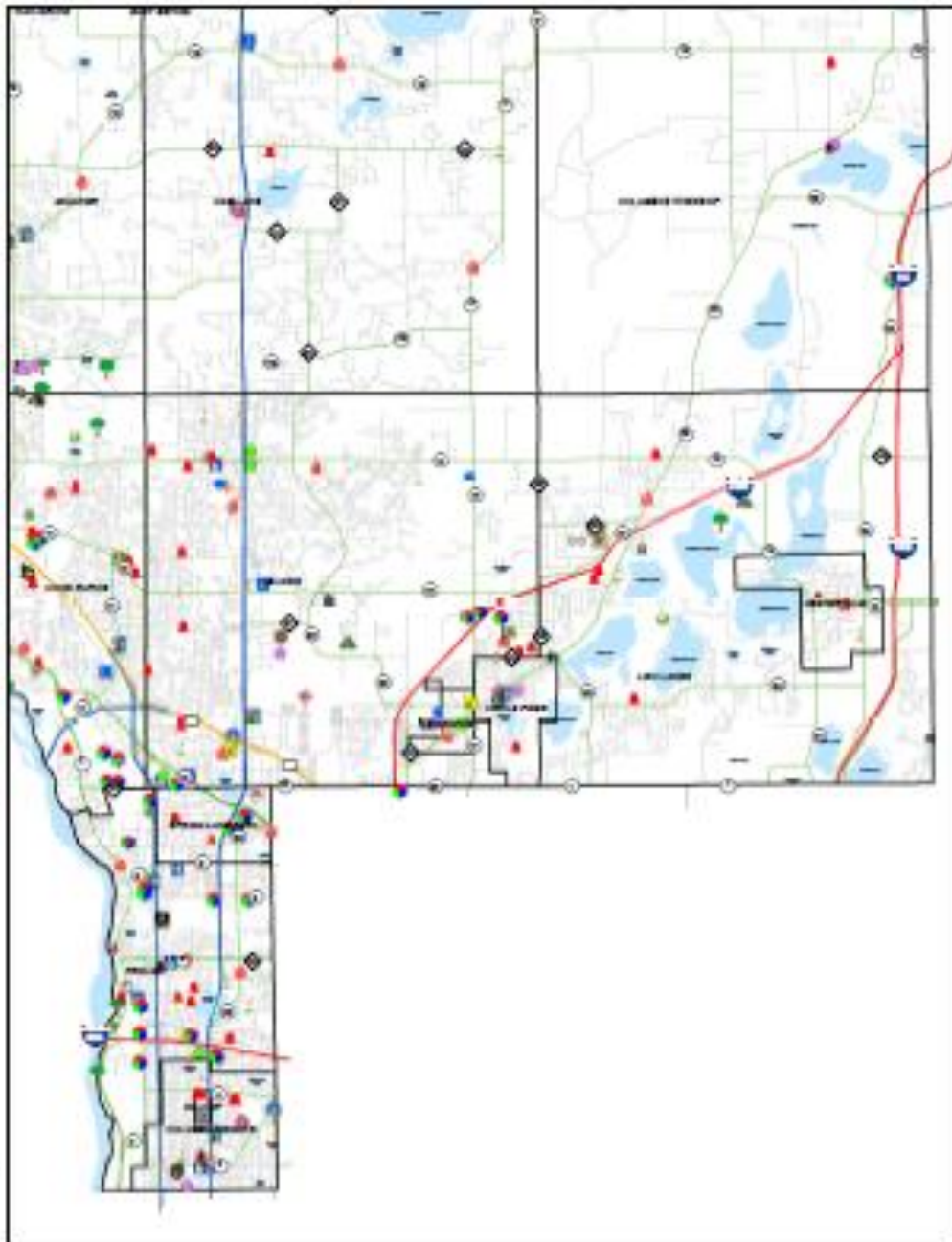


October 31, 2011

Anoka County, Minnesota Critical Facilities Map - SE

Critical Facilities

-  NURSING HOME
-  SCHOOL
-  AIRPORT
-  ARTS CENTER
-  CITY HALL
-  CITY HALL BLDG
-  COLLEGE
-  CONVENTION CENTER
-  COMMUNITY BLDG
-  COURT HOUSE
-  CORRECTIONAL FACILITY
-  CULTURAL CENTER
-  DATA CENTER
-  FEDERAL COURTHOUSE
-  FLOODING POINT
-  FIRE
-  GOLF COURSE
-  GOVERNMENT CENTER
-  HOSPITAL
-  INDUSTRIAL BUILDING
-  LIBRARY
-  LUMBER YARD
-  MANUFACTURING PLANT
-  MEDICAL BUILDING
-  POLICE
-  POST OFFICE
-  PUBLIC SAFETY CENTER
-  PUBLIC SERVICES
-  PUBLIC WORKS
-  RADIO TOWER
-  SCHOOL
-  SHOPPING MALL
-  SPORTS CENTER
-  STATE
-  TOWN HALL
-  TRANSFER
-  TREATMENT PLANT
-  VITAL RECORDS
-  WATER TOWER
-  AIRPORT
-  Waterway
-  Municipal
-  County Road
-  County State Highway
-  Interstate Highway
-  Toll Highway
-  U.S. Highway



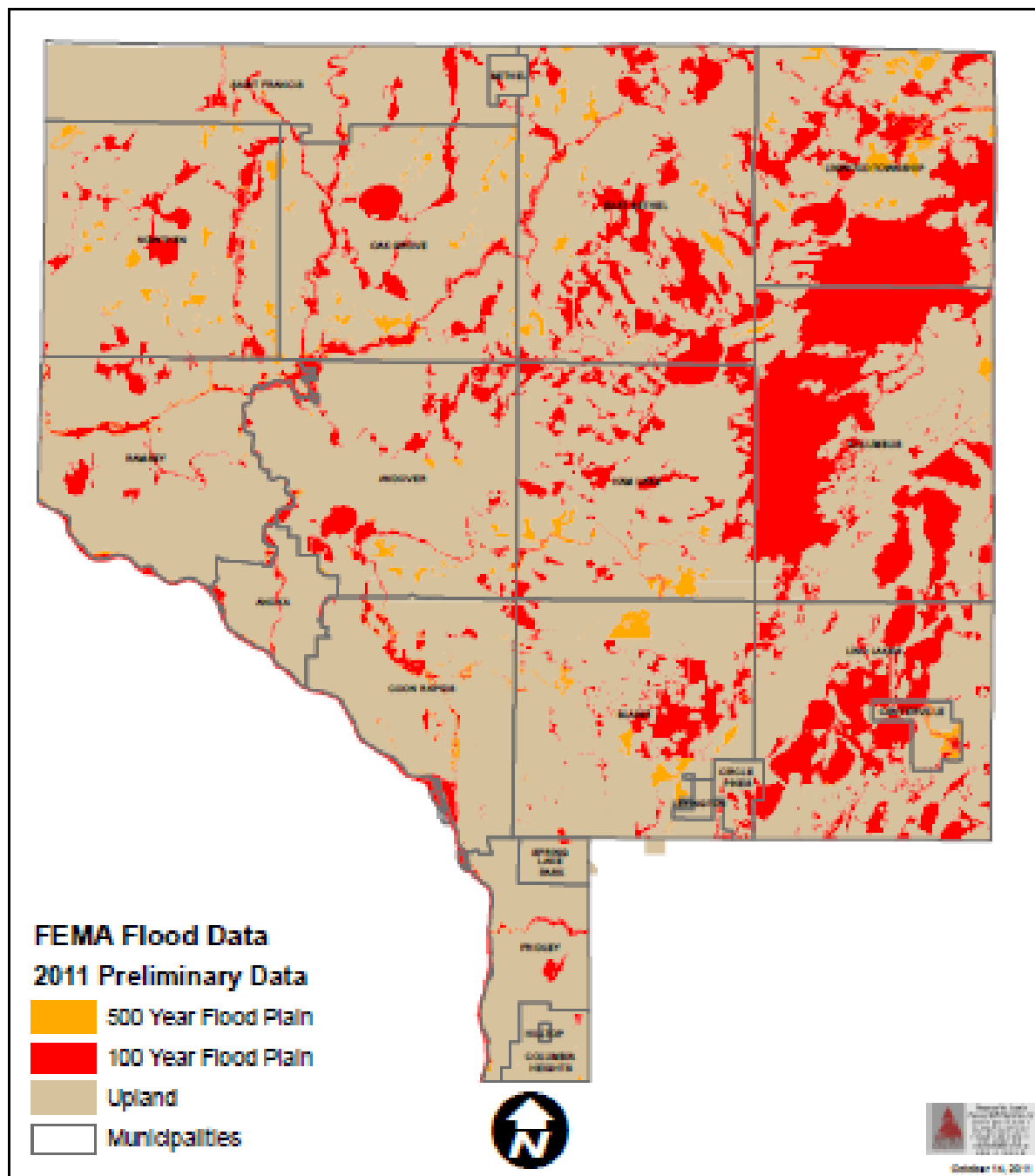
Anoka County, Minnesota Critical Facilities Map - SW

Critical Facilities

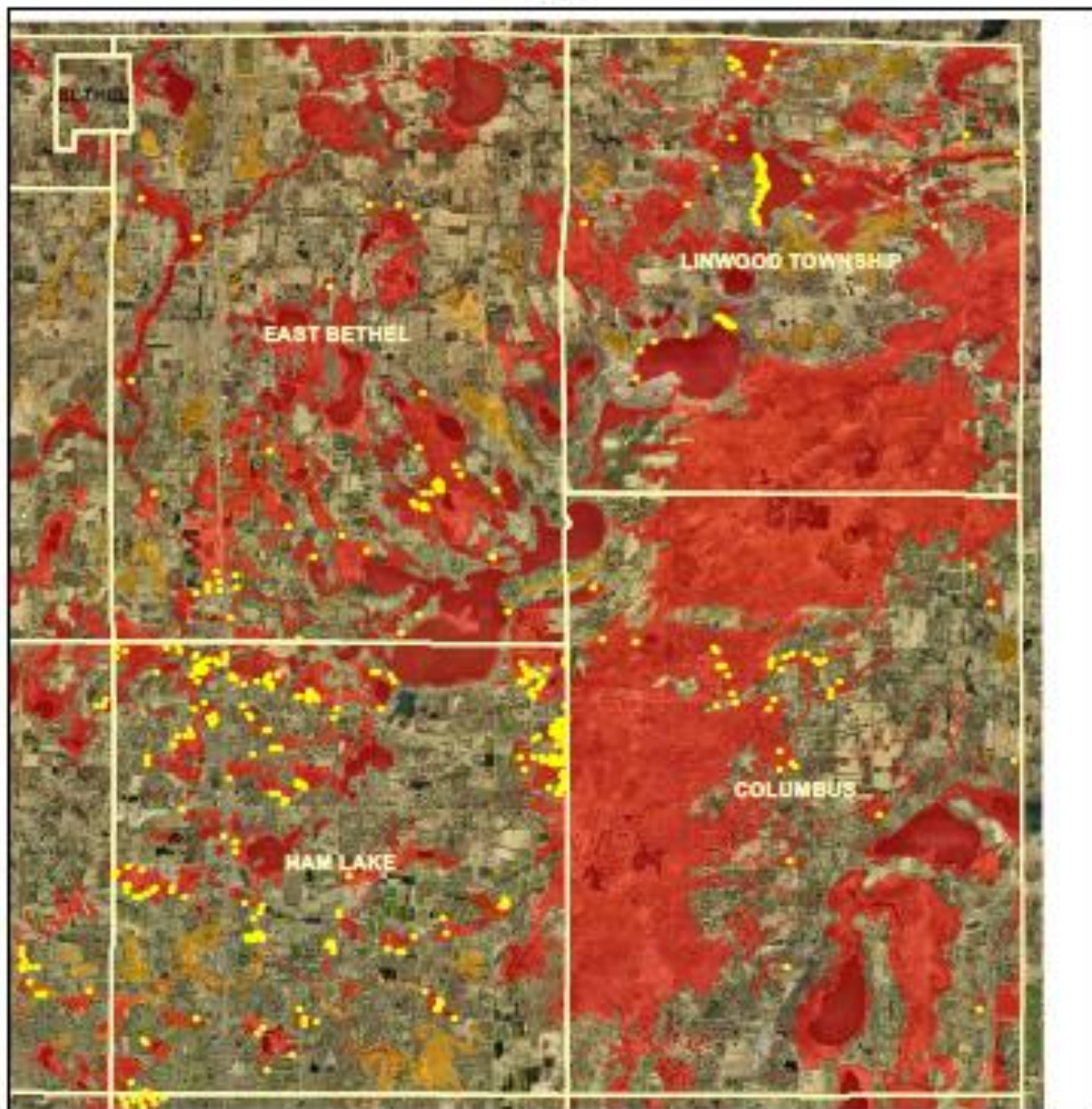
-  DAYCARE
-  NURSING HOME
-  MUSEUM
-  AIRPORT
-  ARTS CENTER
-  CITY HALL
-  CITY HALL BLDG
-  COLLEGE
-  CONVENTION
-  COMMUNITY BLDG
-  COMPOST SITE
-  CORRECTIONAL FACILITY
-  COURTHOUSE
-  DATA CENTER
-  FEDERAL CAMPAIGN
-  FILTRATION PLANT
-  FIRE
-  GOLF COURSE
-  GOVERNMENT CENTER
-  HIGHWAY
-  HIGHWAY ENGINEERING
-  HOSPITAL
-  TOWN SERVICES
-  U.S. ARMY
-  LIBRARY
-  LICENSE CENTER
-  MAJOR EMPLOYER
-  MEDICAL EXAMINER
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-  POST OFFICE
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-  PUBLIC WORKS
-  RADIO TOWER
-  SCHOOL
-  SHOPPING MALL
-  SPORTS CENTER
-  STATE
-  TOWN HALL
-  TRANSIT
-  TREATMENT PLANT
-  VEN. WRITINGS
-  WATER TOWER
-  AIRPORT
-  Waterway
-  Municipality
-  County Road
-  County State Rd/Highway
-  Interstate Highway
-  Town Highway
- U.S. Highway



Anoka County, Minnesota 100/500 Year Floodplain Map



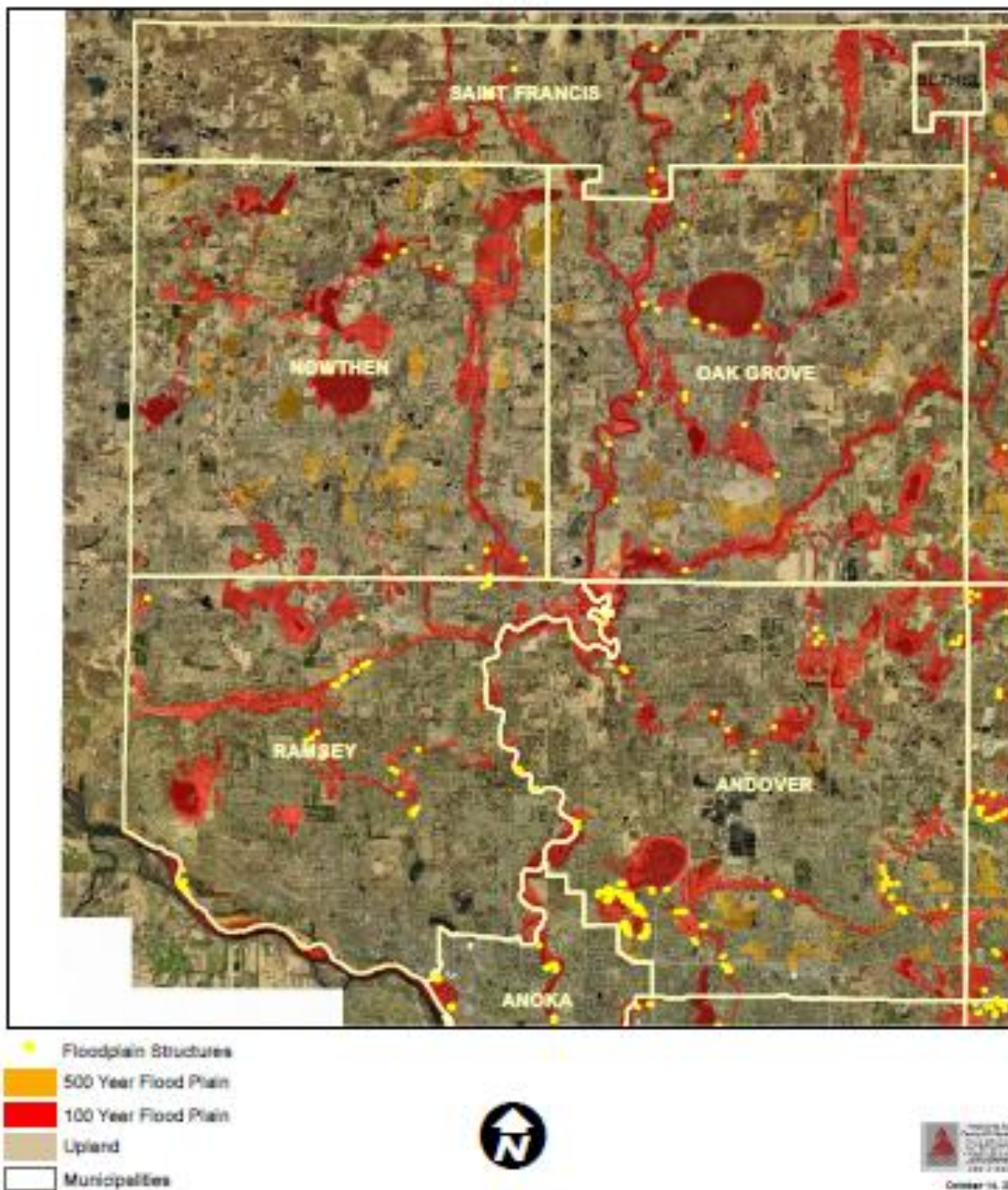
Anoka County, Minnesota Structures Within the 100/500 Year Flooplain Map NE



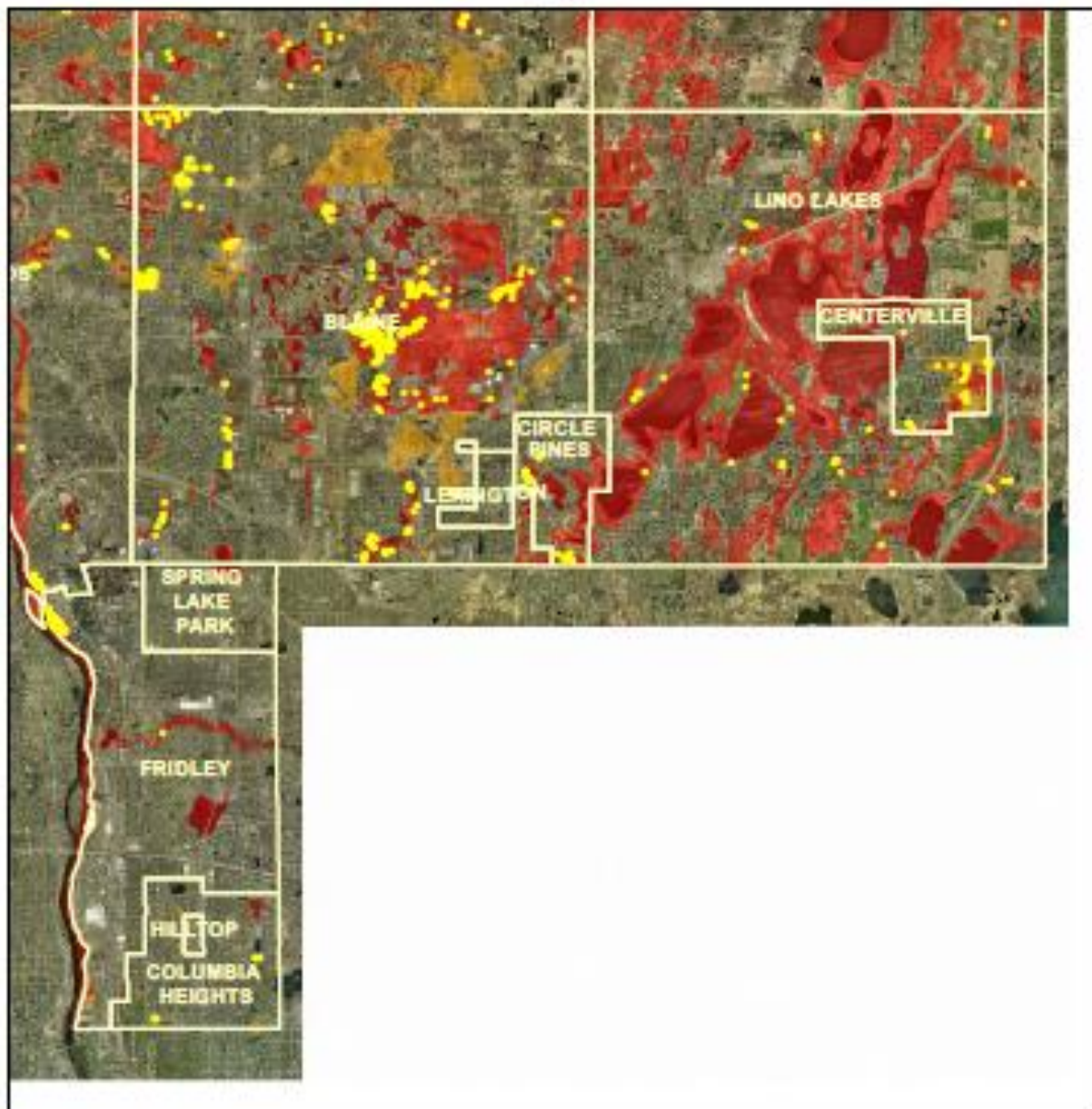
- Floodplain Structures
- 500 Year Flood Plain
- 100 Year Flood Plain
- Upland
- Municipalities



Anoka County, Minnesota Structures Within the 100/500 Year Floodplain Map NW



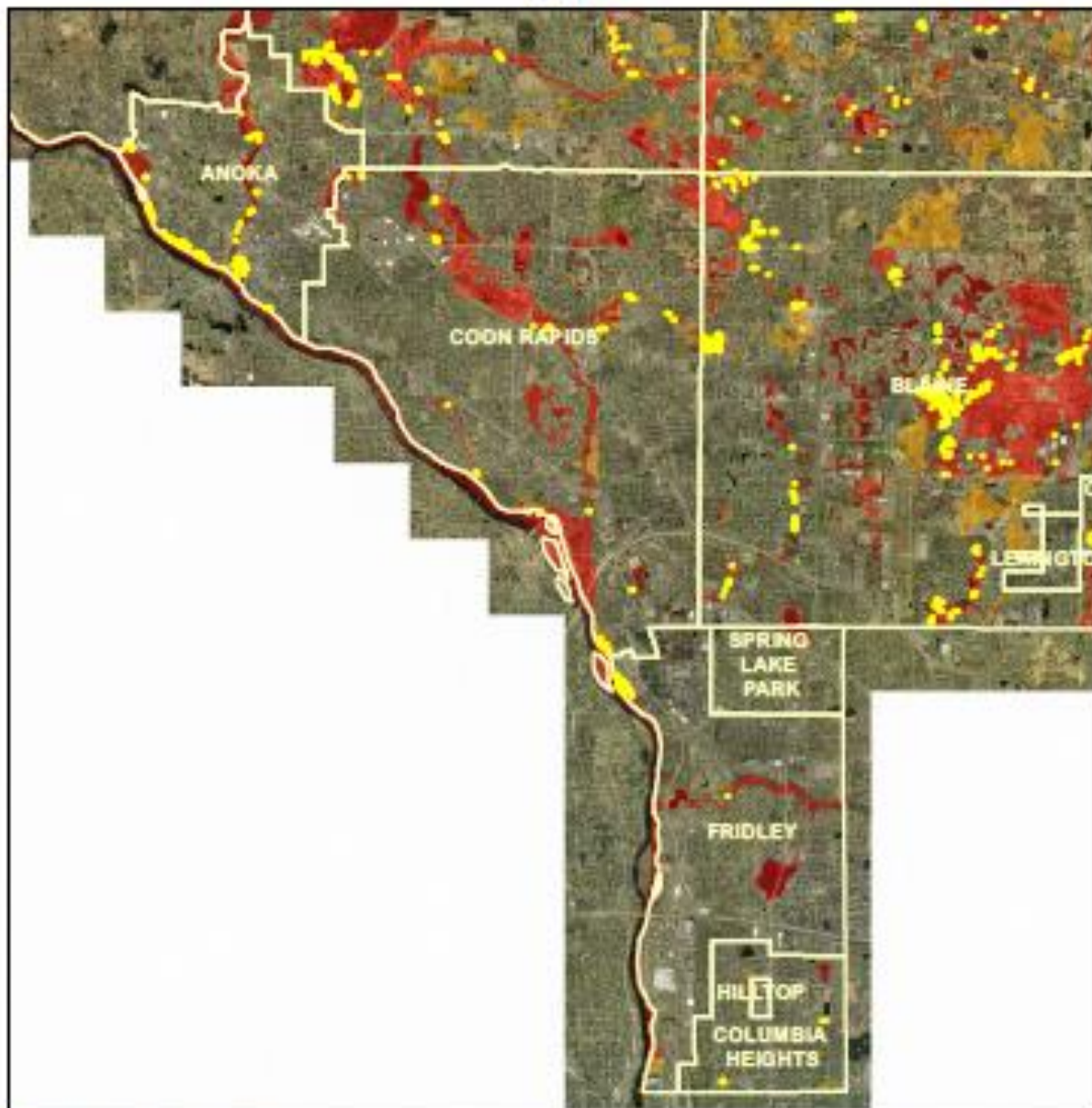
Anoka County, Minnesota Structures Within the 100/500 Year Flooplain Map SE



- Floodplain Structures
- 500 Year Flood Plain
- 100 Year Flood Plain
- Upland
- Municipalities



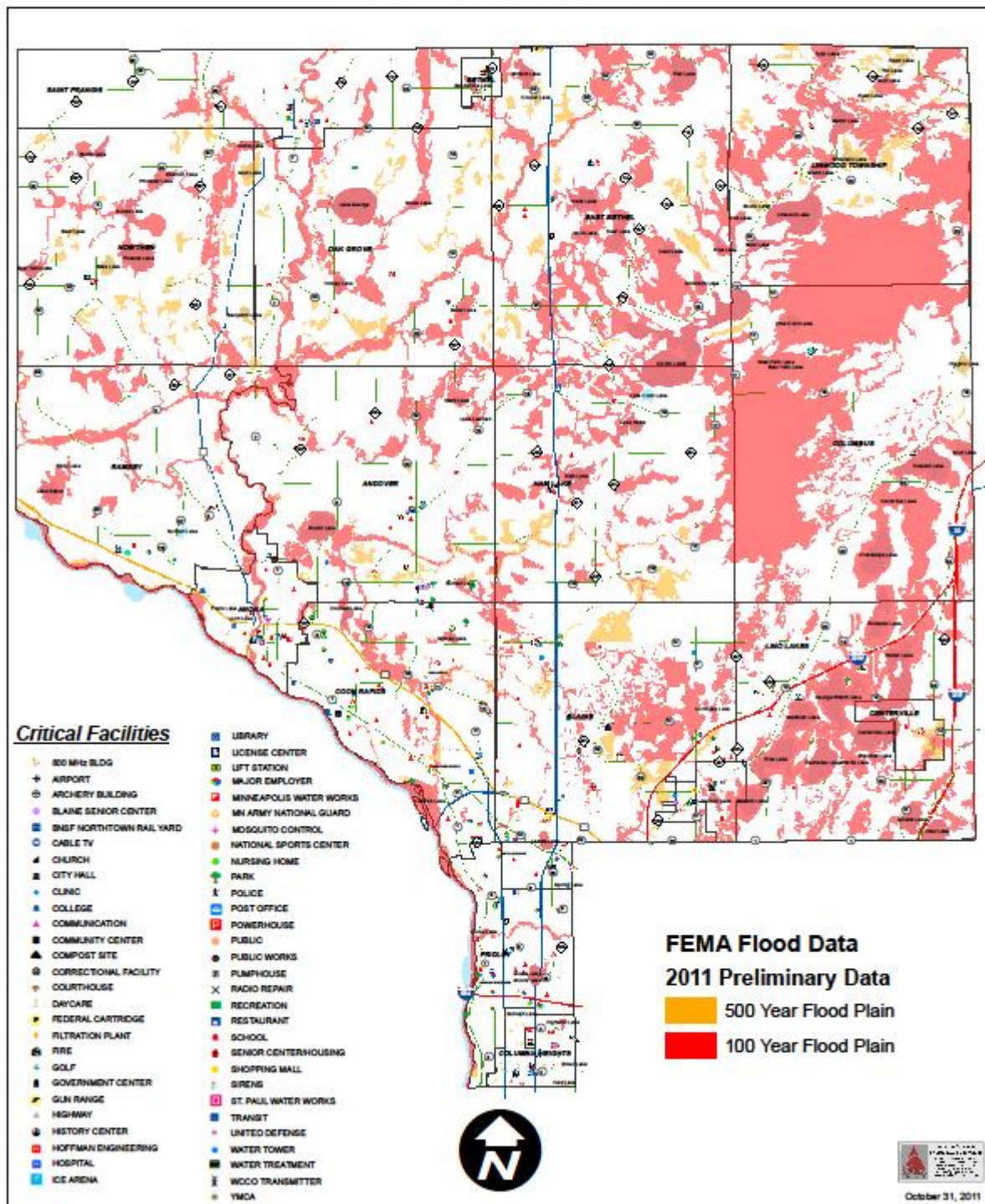
Anoka County, Minnesota Structures Within the 100/500 Year Flooplain Map SW



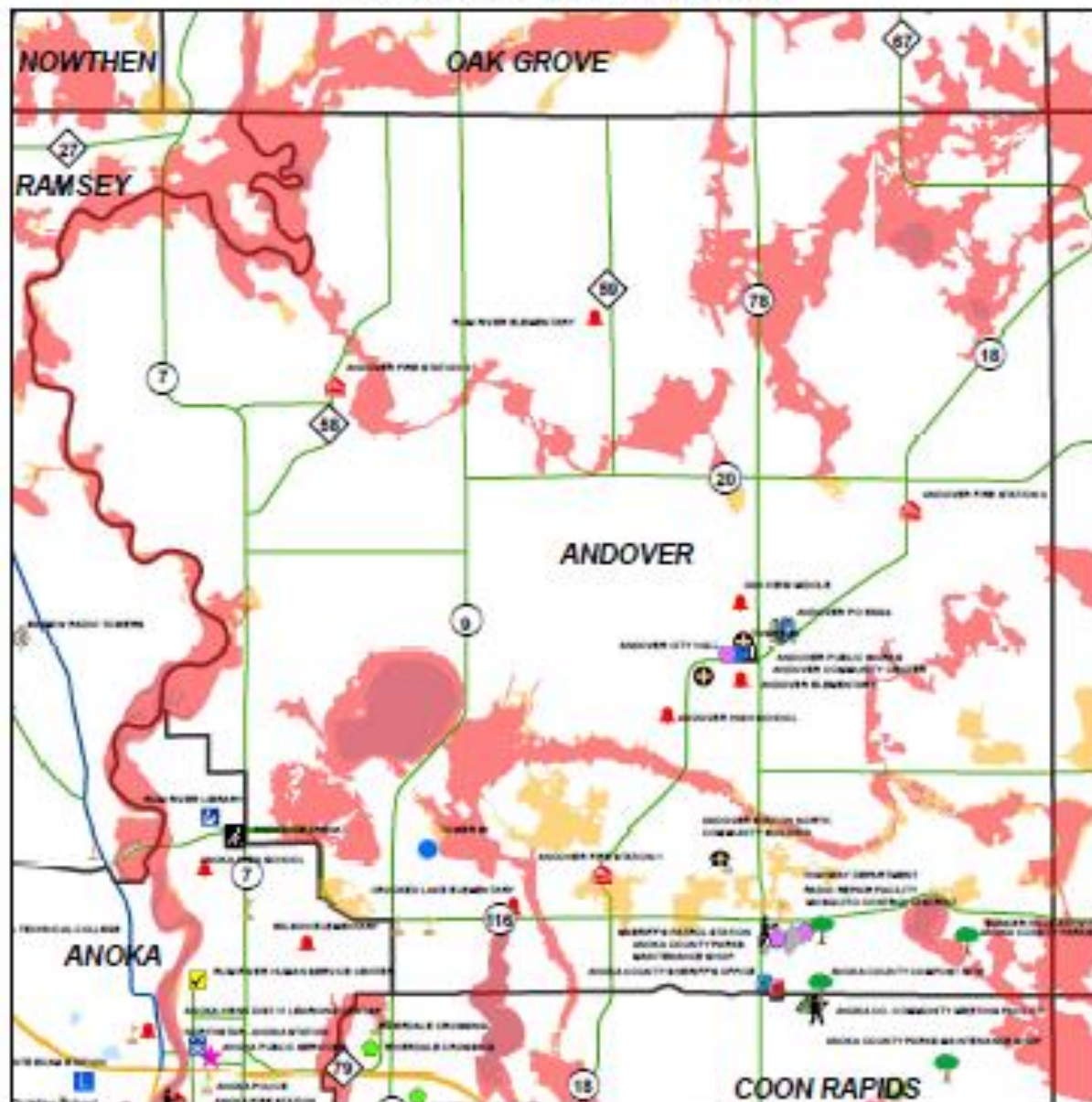
- Floodplain Structures
- 500 Year Flood Plain
- 100 Year Flood Plain
- Upland
- Municipalities



Anoka County, Minnesota 100/500 Year Floodplain Map With Critical Facilities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Andover)**



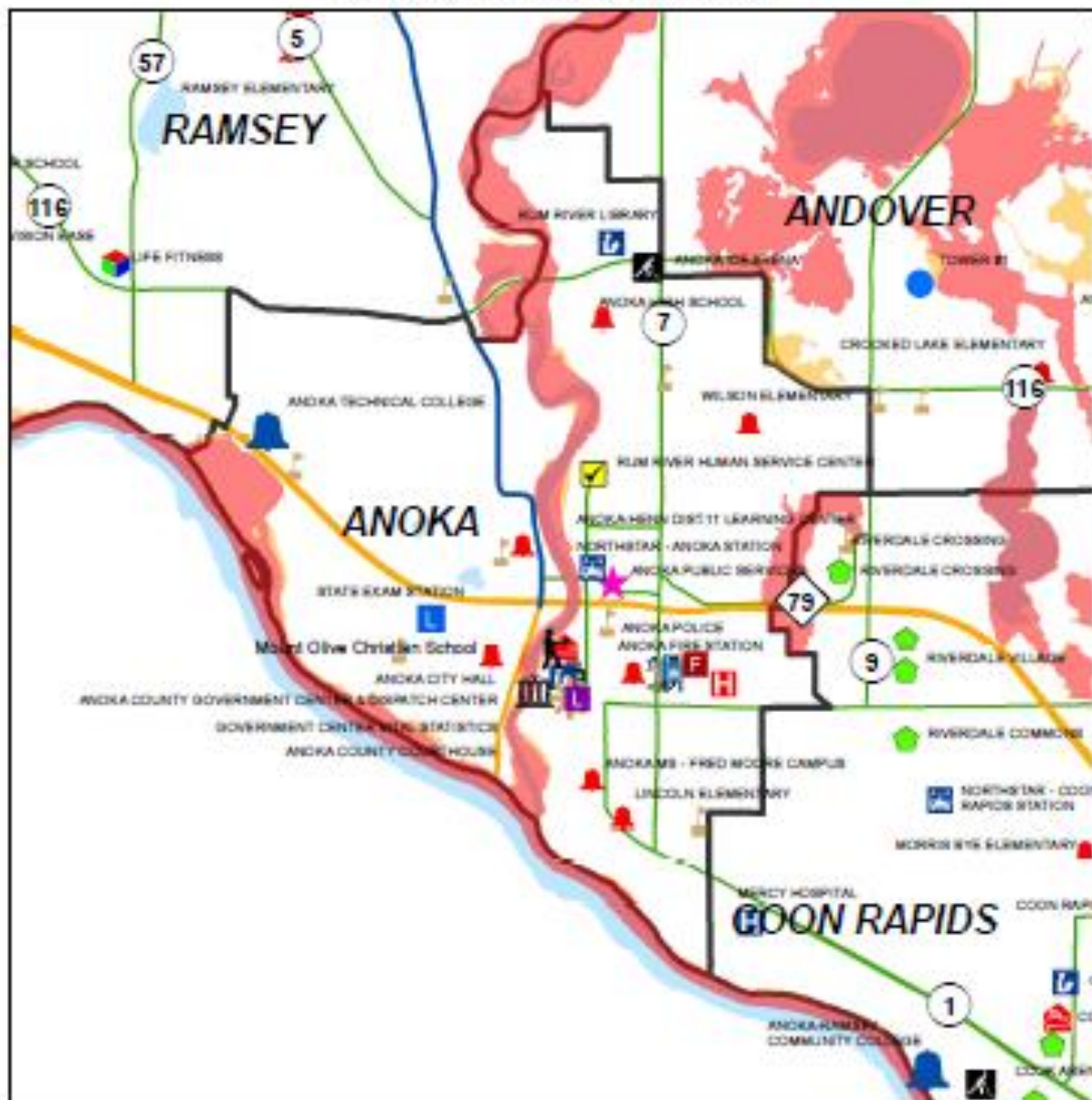
FEMA Flood Data

2011 Preliminary Data

- 500 Year Flood Plain
- 100 Year Flood Plain
- Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Anoka)**



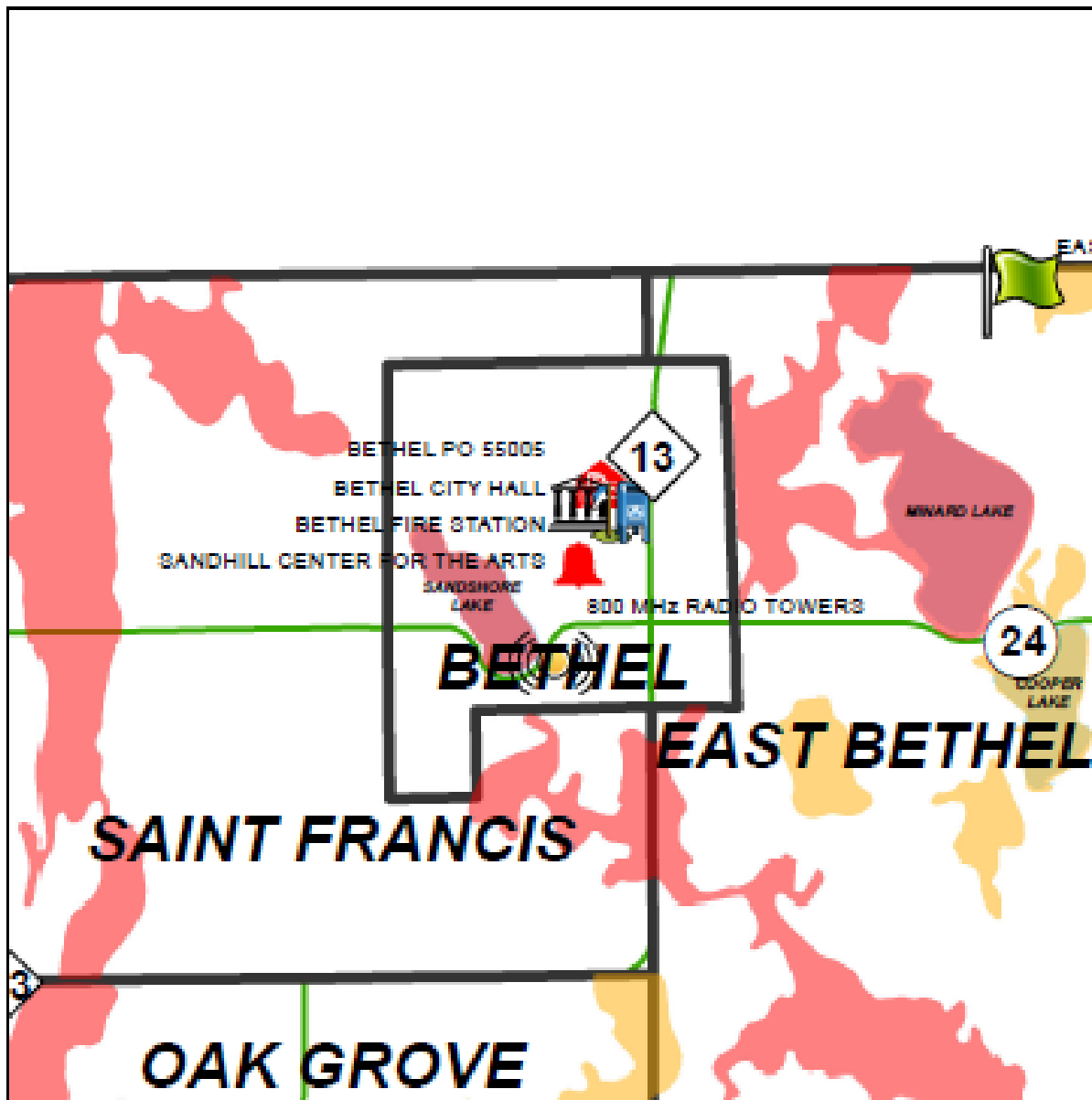
FEMA Flood Data

2011 Preliminary Data

- 500 Year Flood Plain
- 100 Year Flood Plain
- Municipalities






*Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Bethel)*



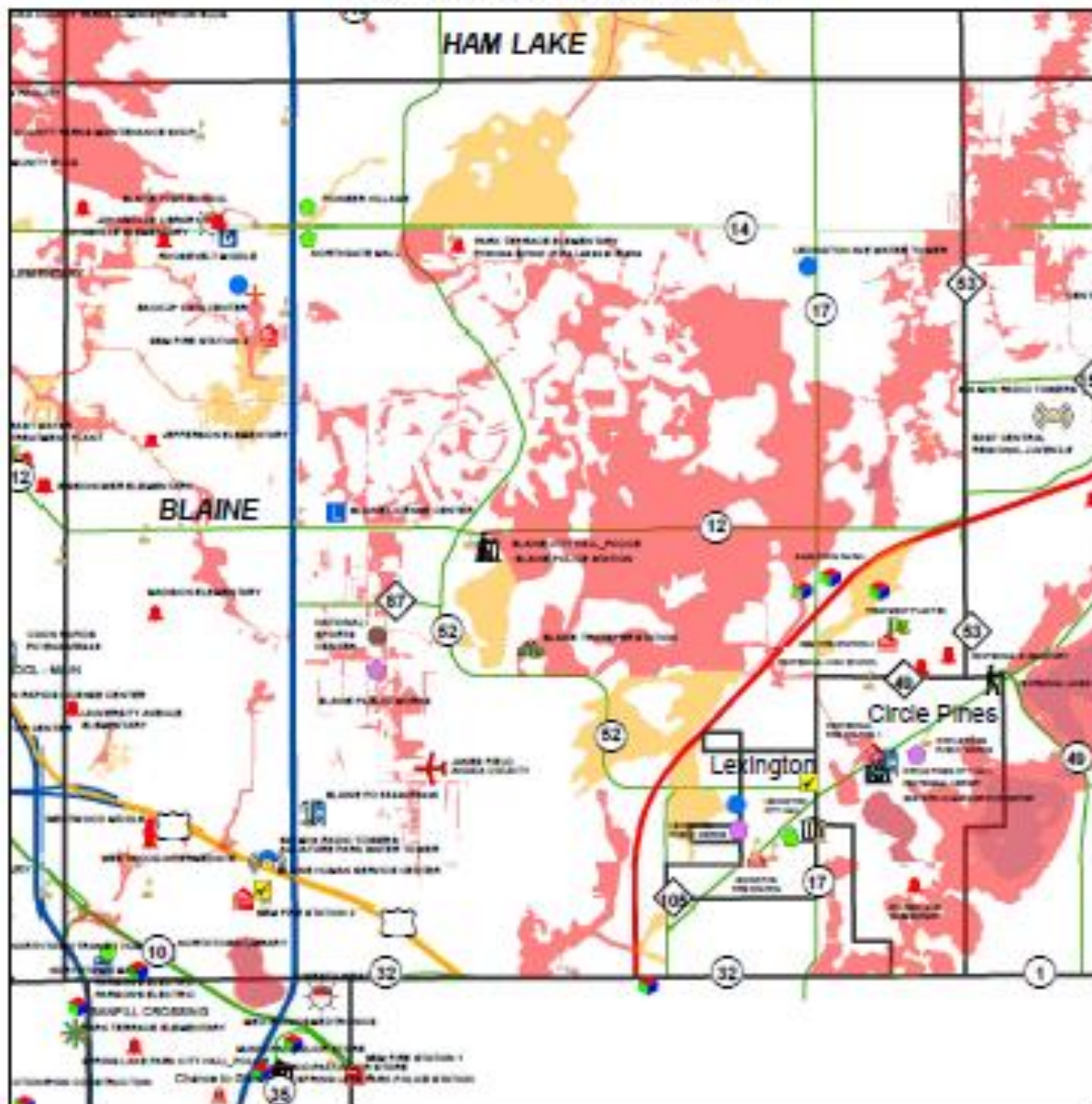
FEMA Flood Data

2011 Preliminary Data

-  500 Year Flood Plain
-  100 Year Flood Plain
-  Municipalities



Anoka County, Minnesota 100/500 Year Floodplain Map With Critical Facilities (Blaine)



FEMA Flood Data

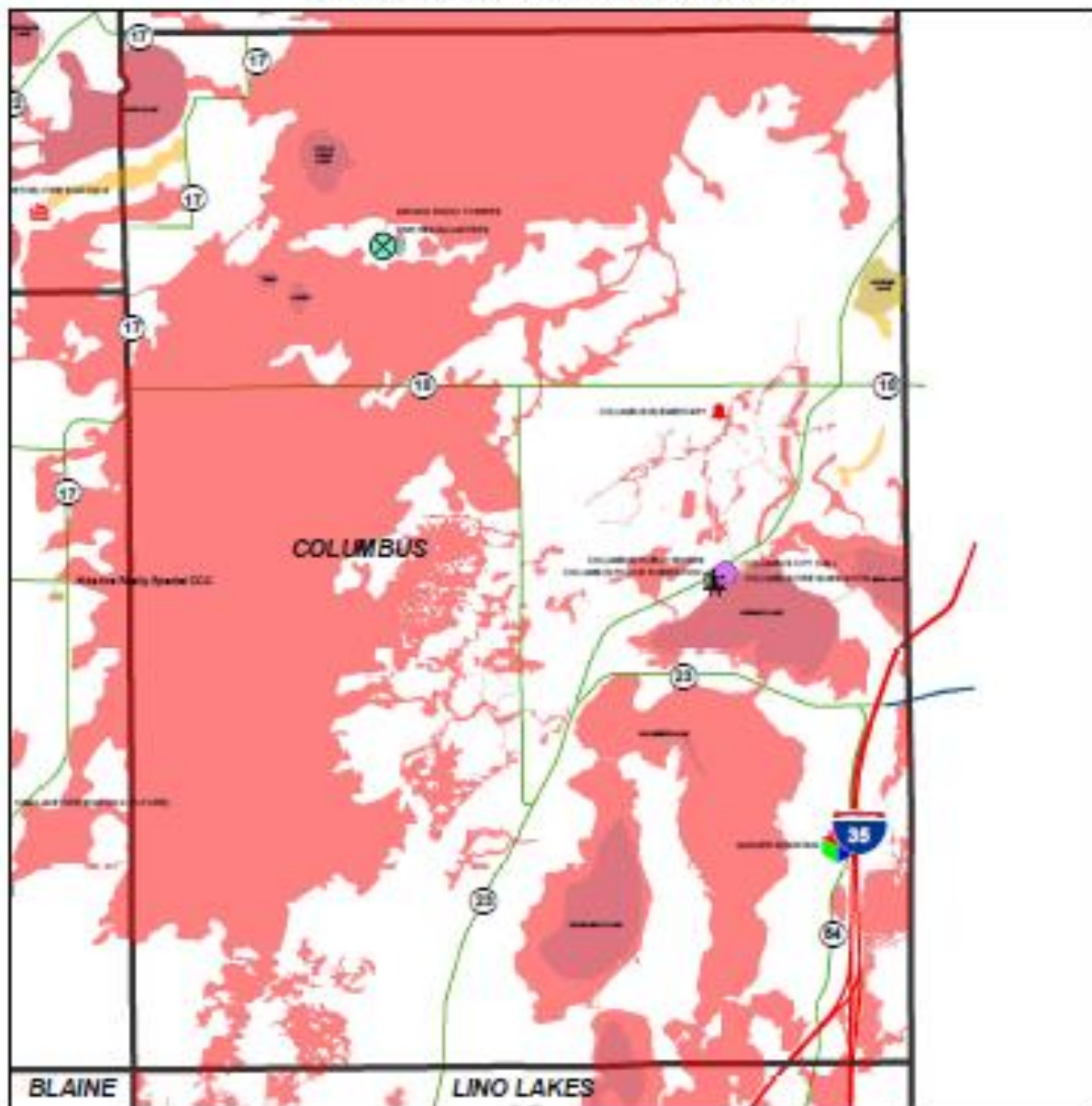
2011 Preliminary Data




- 500 Year Flood Plain
- 100 Year Flood Plain
- Municipalities



October 21, 2011




**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Columbus)**



FEMA Flood Data
2011 Preliminary Data
 500 Year Flood Plain
 100 Year Flood Plain
 Municipalities

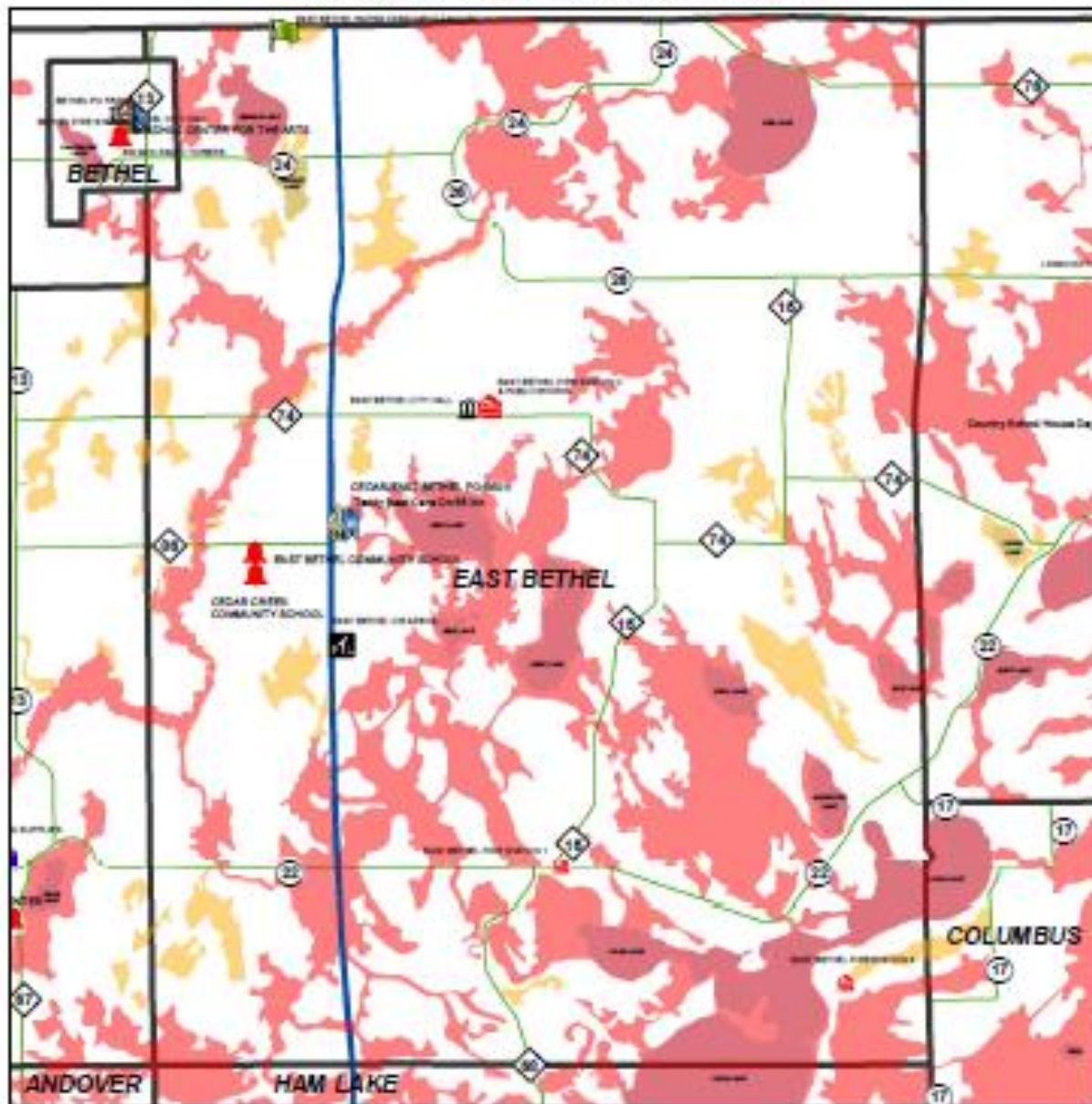


The map displays the Coon Rapids area with its city boundary highlighted in red. Major roads shown include Highway 1, Highway 78, Highway 11, and Highway 10. Surrounding municipalities are labeled: Andover to the north, Ham Lake to the northeast, Blaine to the east, and Fridley to the south. Key landmarks within Coon Rapids include Coon Rapids High School, Coon Rapids Public Works Dept., Coon Rapids Fire Station 1, Coon Rapids City Hall, Coon Rapids Civic Center Building, and Coon Rapids Community College. Other nearby locations include Anoka, Anoka Police Station, Anoka Fire Station, Anoka Community College, Anoka County Park, and Anoka County Sheriff's Office. The map also shows various parks, libraries, and community centers throughout the area.

 500 Year Flood Plain
 100 Year Flood Plain
 Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (East Bethel)**

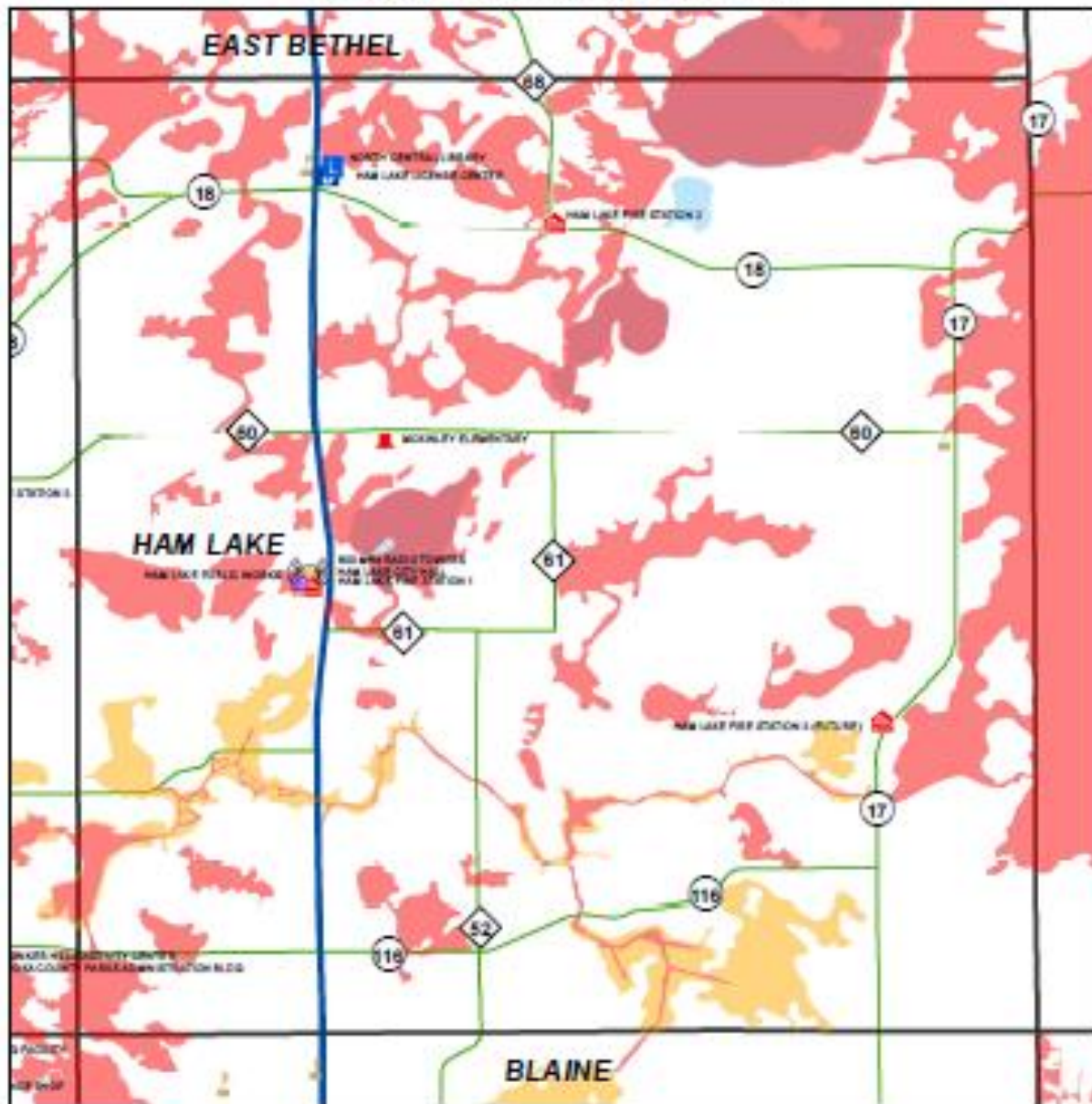





FEMA Flood Data
2011 Preliminary Data
500 Year Flood Plain
100 Year Flood Plain
Municipalities



ANOKA COUNTY
MINNESOTA
October 21, 2011

**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Ham Lake)**

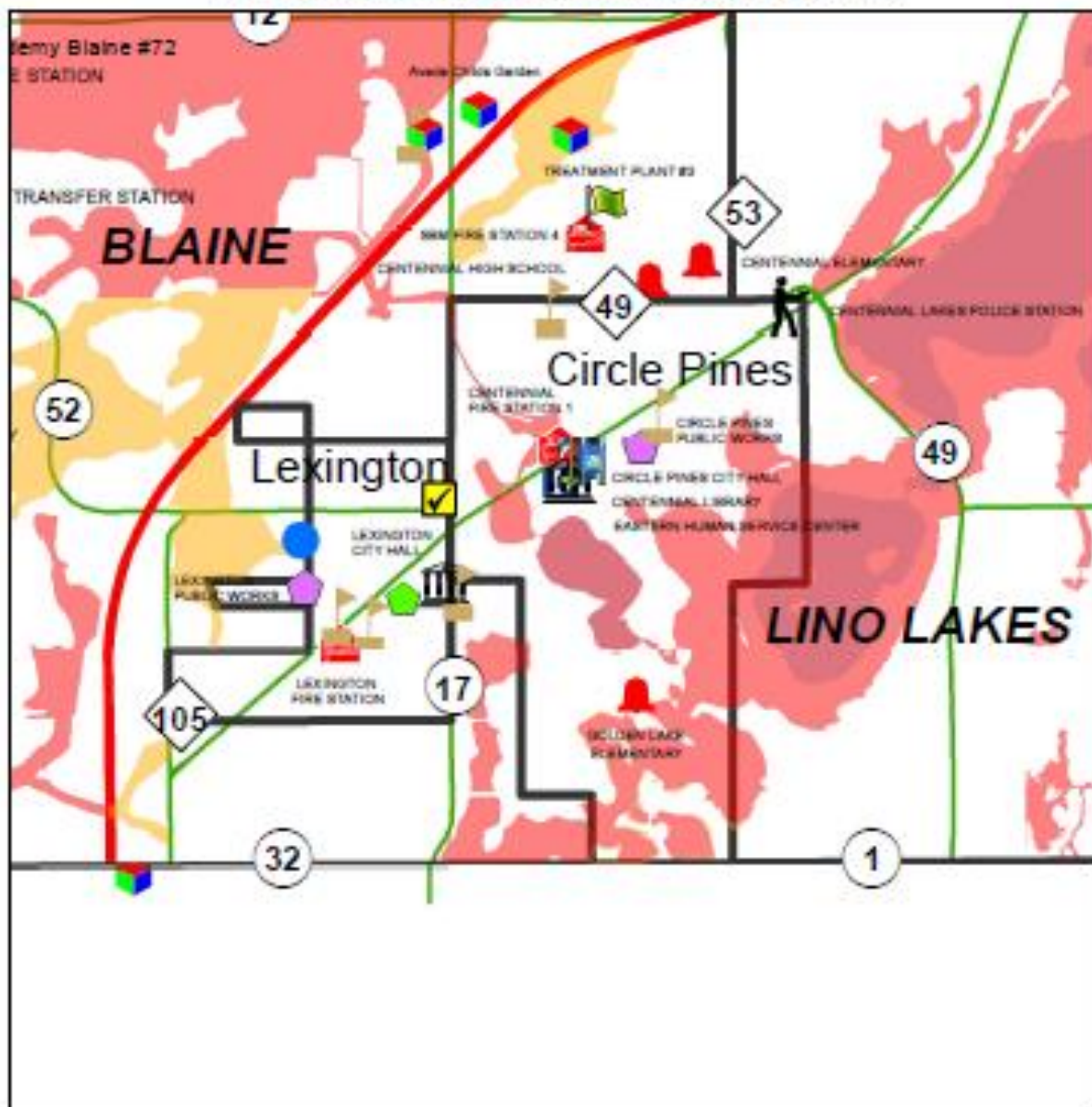





FEMA Flood Data
2011 Preliminary Data
 500 Year Flood Plain
 100 Year Flood Plain
 Municipalities



Anoka County, Minnesota
Department of Public Works
Planning and Development
October 21, 2011

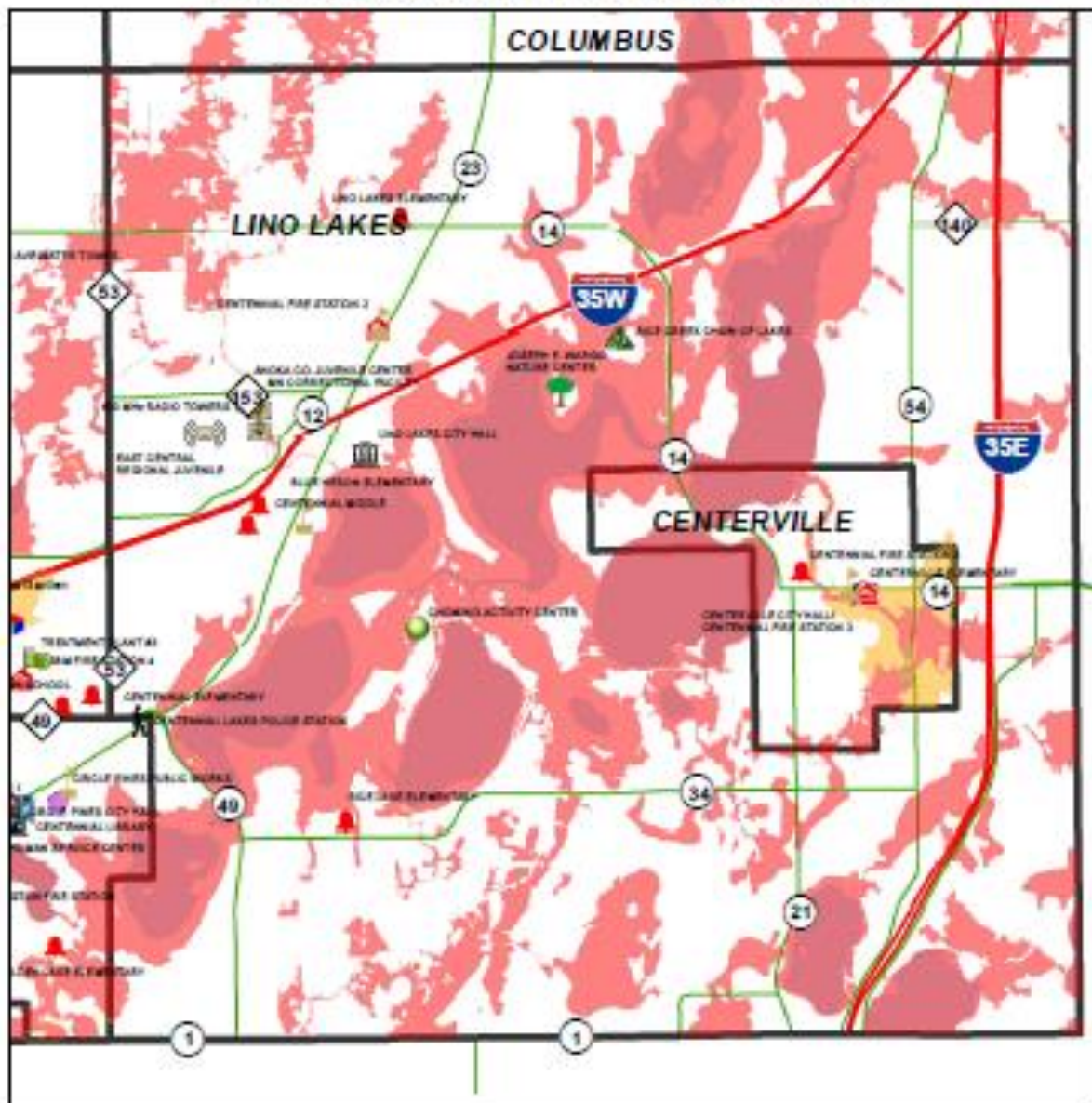
**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Lexington & Circle Pines)**



FEMA Flood Data
2011 Preliminary Data
 500 Year Flood Plain
 100 Year Flood Plain
 Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Lino Lakes & Centerville)**

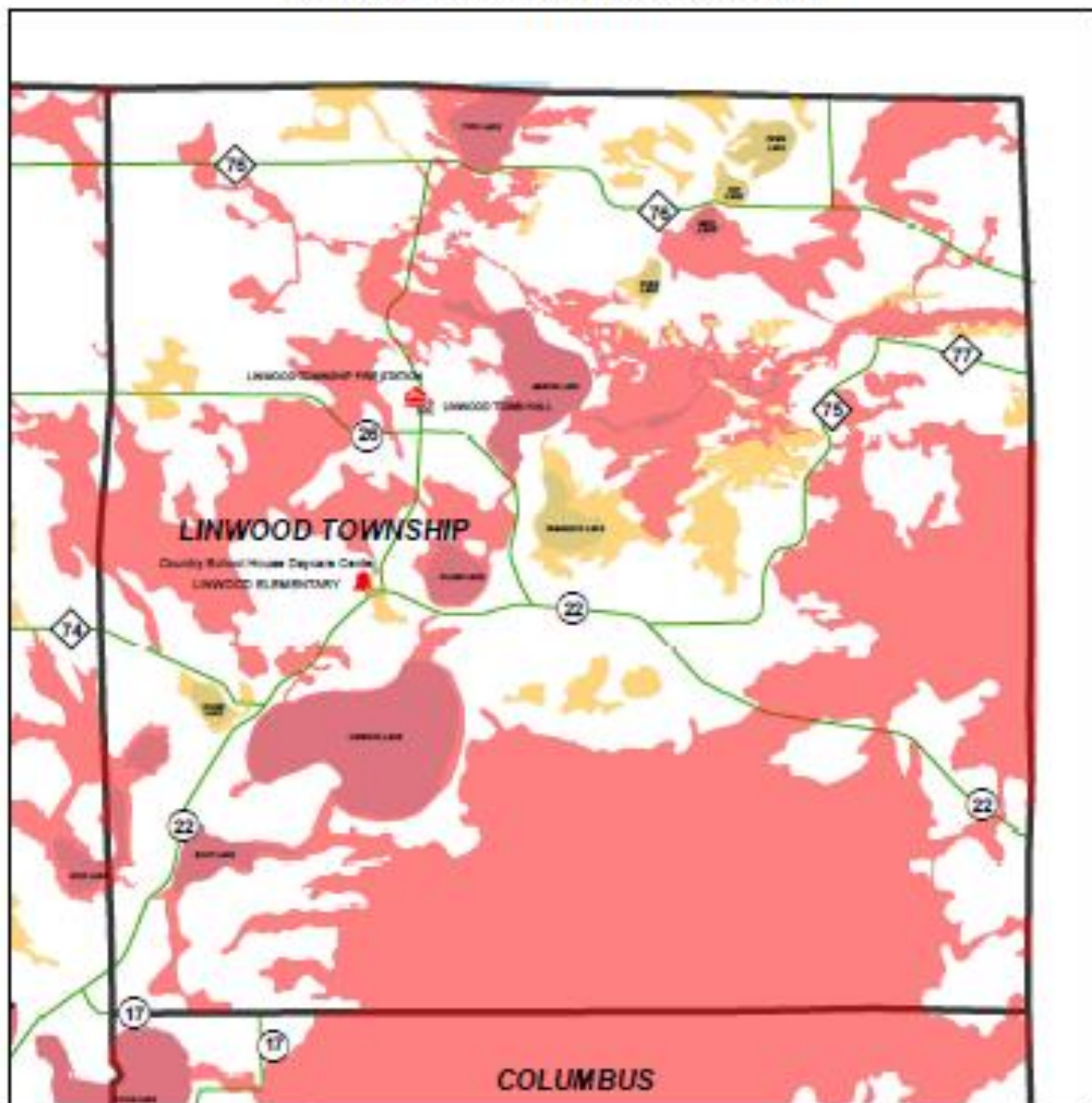


FEMA Flood Data
2011 Preliminary Data

- 500 Year Flood Plain
- 100 Year Flood Plain
- Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Linwood Twp)**

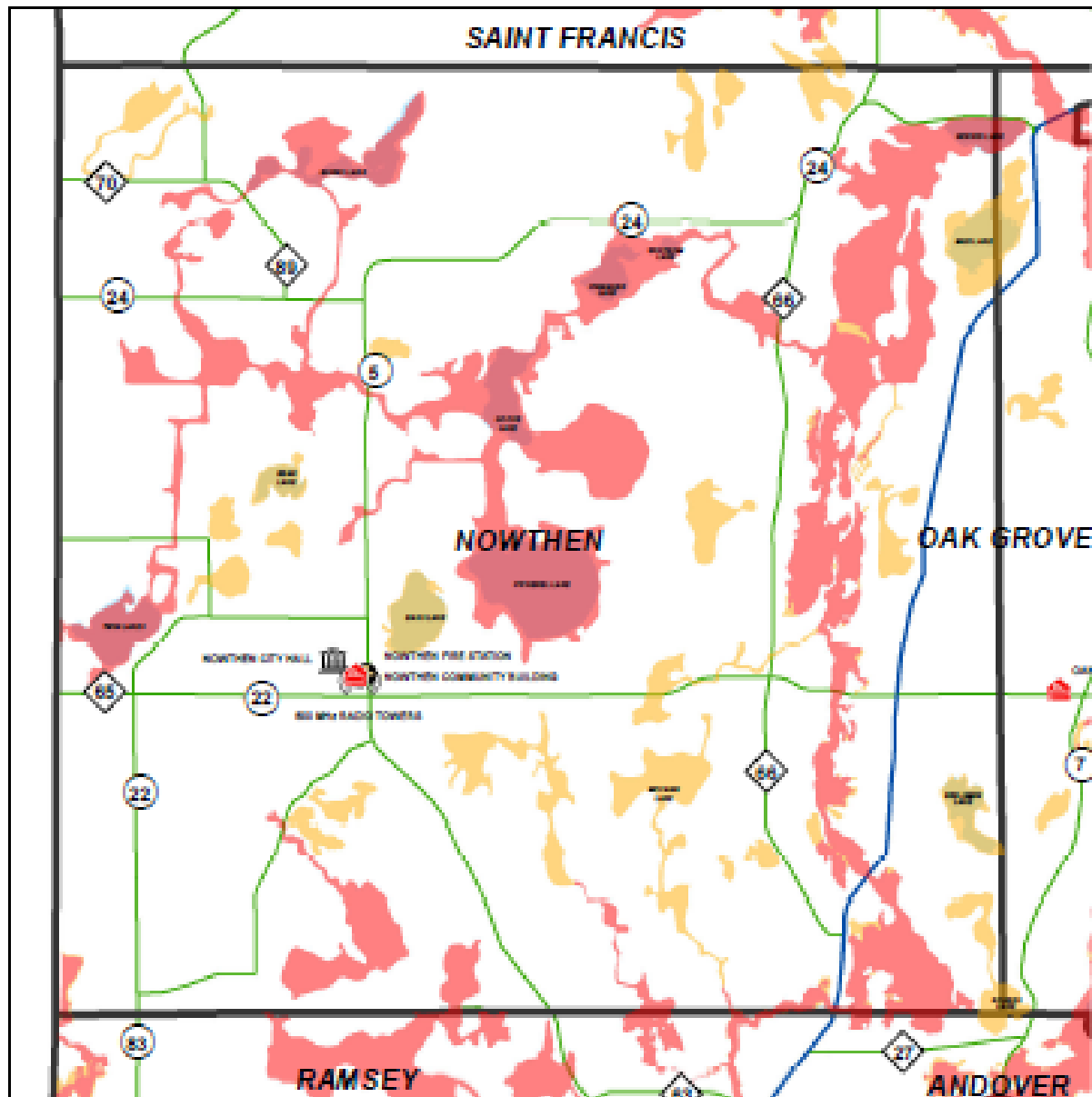


**FEMA Flood Data
2011 Preliminary Data**

- 500 Year Flood Plain
- 100 Year Flood Plain
- Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (Nowthen)**




FEMA Flood Data

2011 Preliminary Data

 500 Year Flood Plain




 100 Year Flood Plain

 Municipalities



Anoka County, Minnesota 100/500 Year Floodplain Map With Critical Facilities (Panhandle)

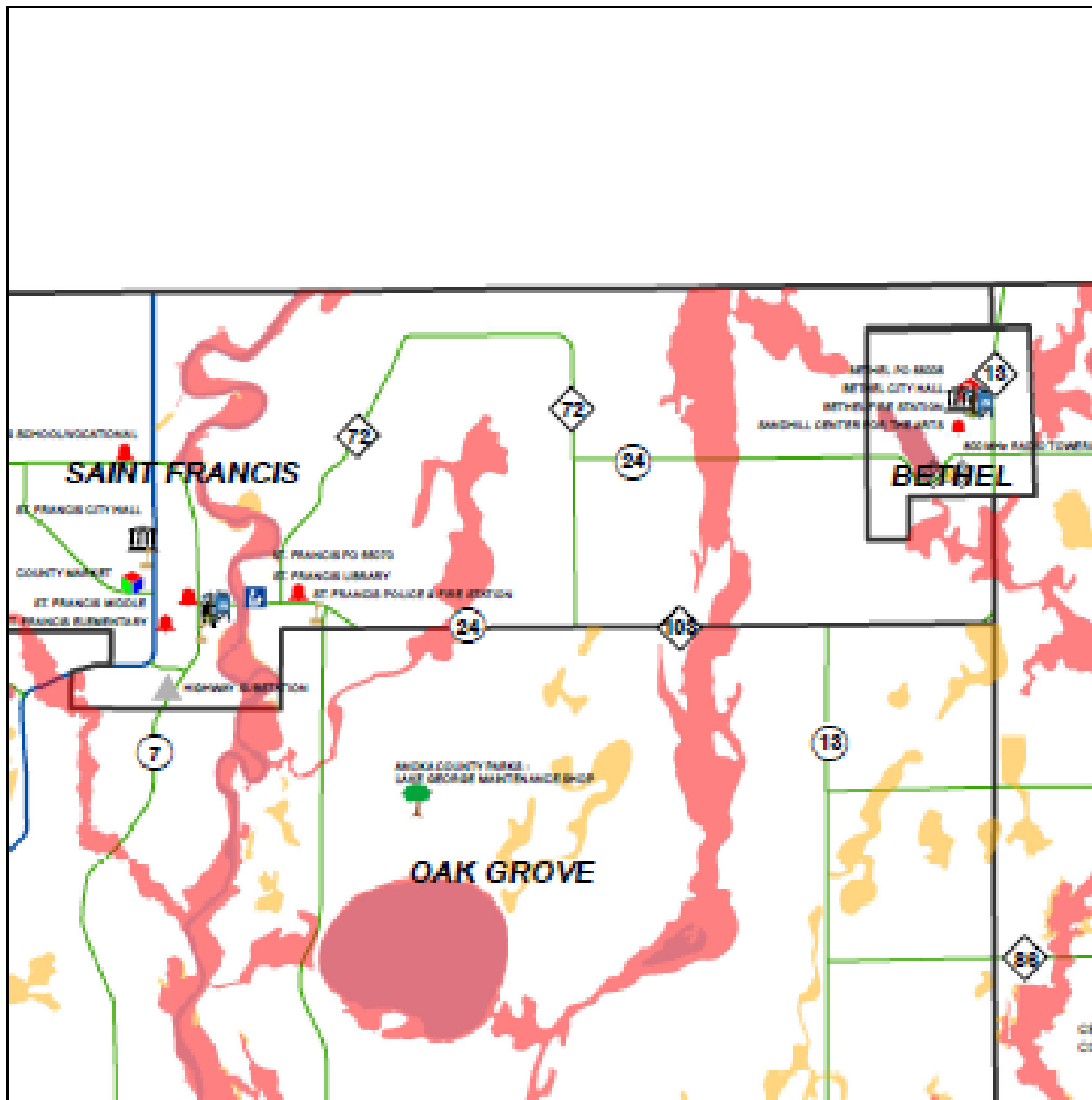


FEMA Flood Data
2011 Preliminary Data
 500 Year Flood Plain
 100 Year Flood Plain
 Municipalities








**100/500 Year Floodplain Map
With Critical Facilities (St. Francis East)**



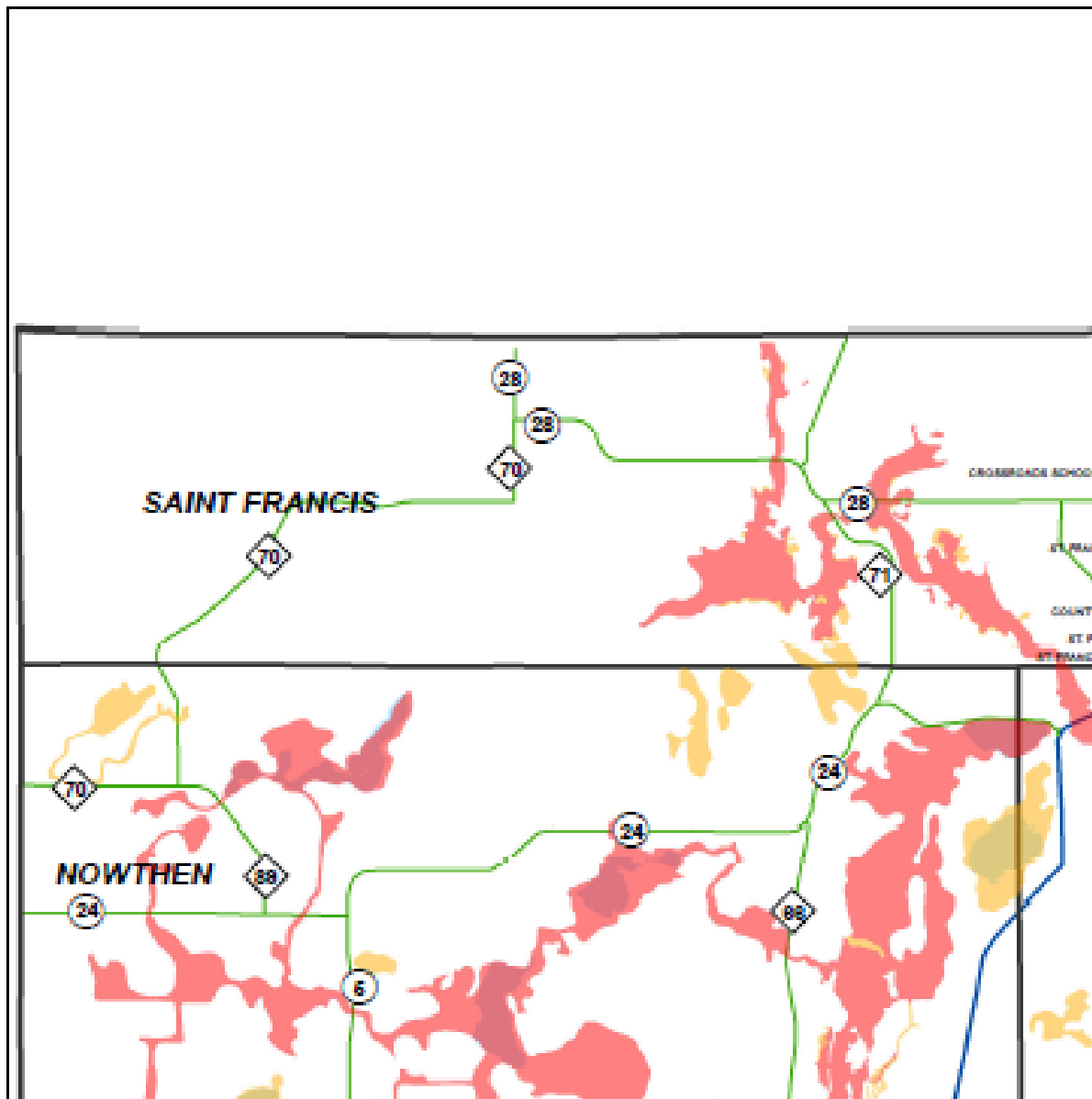
FEMA Flood Data

2011 Preliminary Data

-  500 Year Flood Plain
-  100 Year Flood Plain
-  Municipalities



**Anoka County, Minnesota
100/500 Year Floodplain Map
With Critical Facilities (St. Francis West)**



FEMA Flood Data

2011 Preliminary Data

500 Year Flood Plain
100 Year Flood Plain



Anoka County, Minnesota Terrorist Hazard Target - Mercy Hospital



- Hospital/Tax Exempt Parcels
- Commercial Parcels
- Commercial Vacant Parcels



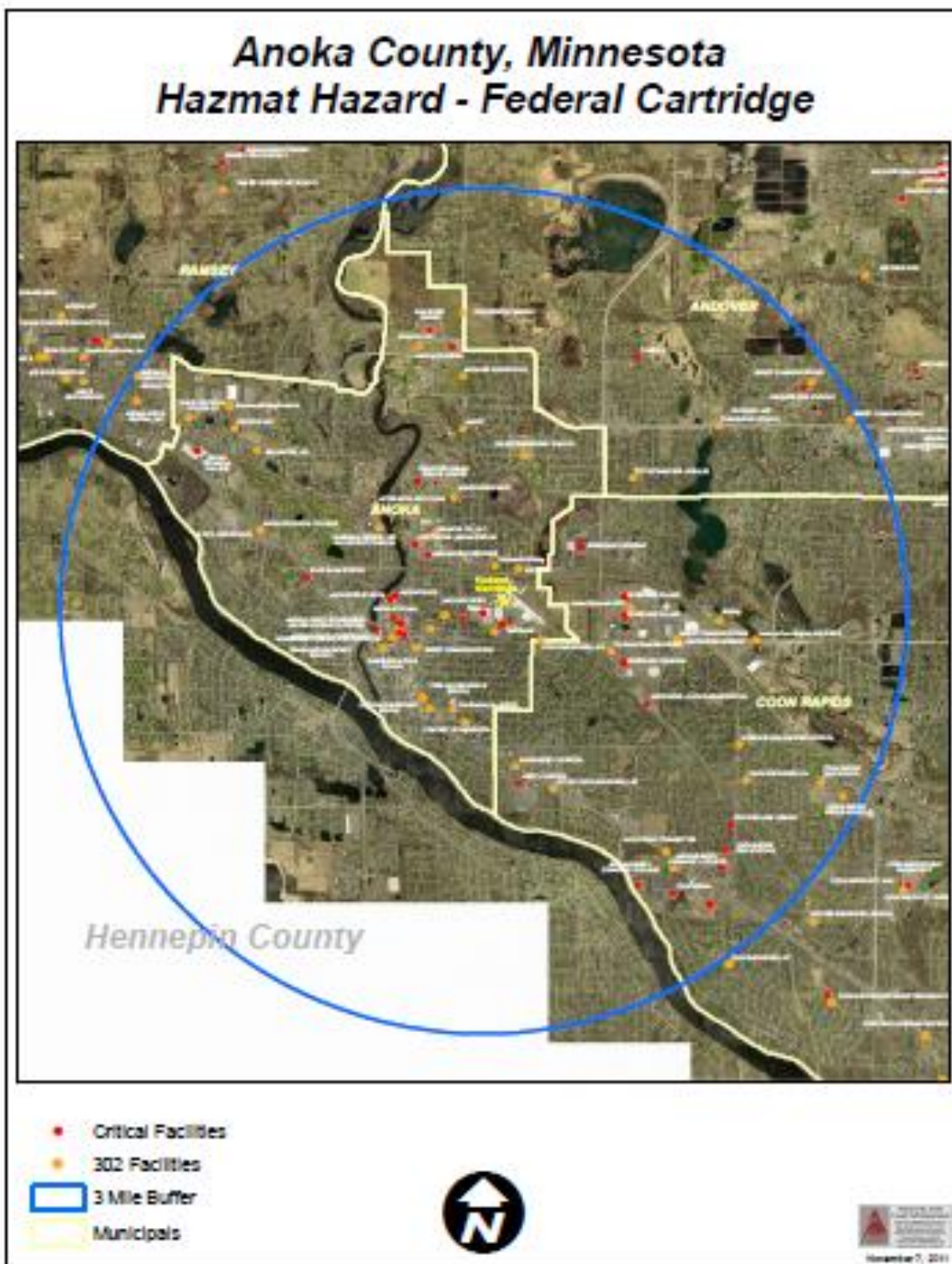
- Apartment Parcels
- Residential Parcels
- Municipal Owned/Tax Exempt Parcel



A map of the Columbia River region, showing the river flowing from the top left towards the bottom center. The map includes several towns and regions labeled: EAST FRANKLIN, NORTHERN, OAK GROVE, EAST BETHLE, LINCOLN TOWNSHIP, HANCOCK, HAM LAKE, COLLIERIE, and LAND LAKE. A legend at the bottom left indicates that red arrows represent '302 Facility Locations' and red lines represent 'Interstate Highway'. The map shows a dense concentration of red arrows along the river and near the towns of HANCOCK and HAM LAKE. Interstate highways are shown as red lines, with one major highway running vertically through the center of the map.

- 







Anoka County, Minnesota Critical Railroad Siding Location - Fridley



- ★ BNSF Northtown Rail Yard
- SOG Facilities
- Critical Facilities
- Railroad
- Municipality





Appendix C Mitigation Community Survey Results

Results from Current survey will be included here.

Public Participation Survey Results

In addition to community meetings an electronic survey was made available to Anoka County residents soliciting their input concerning the Anoka County Hazardous Mitigation Planning Process and their experiences with hazardous and critical emergency situations. A total of 61 surveys were returned. The results from select questions are located below. For full results, please click on the PDF document of the survey.

Anoka County Hazard Mitigation Community Survey



1. Please select the jurisdiction where you live or work in Anoka County

		Response Percent	Response Count
Andover		8.0%	4
Anoka		7.5%	5
Bethel		0.0%	0
Blaine		23.9%	16
Centerville		4.5%	3
Circle Pines		6.0%	4
Columbia Heights		4.5%	3
Columbus		0.0%	0
Coon Rapids		22.4%	15
East Bethel		1.5%	1
Fridley		6.0%	4
Ham Lake		7.5%	5
Hilltop		0.0%	0
Lexington		1.5%	1
Lino Lakes		4.5%	3
Linwood Township		0.0%	0
Nowthen		0.0%	0
Oak Grove		0.0%	0
Ramsey		0.0%	0
Spring Lake Park		1.5%	1

1 of 18



Our Hazard Mitigation Plan has identified the hazards listed below as being most likely to impact Anoka County. Please select the three hazards that are the greatest concern for your home or work

Answer Options	Response Percent	Response Count
Urban Fire (House, Apartment or Business Fire)	38.5%	25
Thunderstorms (Wind and Hail Damage)	64.6%	42
Flooding	9.2%	6
Tornados	76.9%	50
Wild Fires (Large grass fire in a wild land setting)	13.8%	9
Pandemics / Vectors (Diseases / Viruses)	20.0%	13
Winter Storms	29.2%	19
Terrorism	6.2%	4
Hazardous Materials	13.8%	9
Illegal Meth Labs (Chemical Hazard)	16.9%	11
<i>answered question</i>		65

What are you doing on your property or inside your home or work to reduce the vulnerability to the above listed hazards? (Please select all that apply)

Answer Options	Response Percent	Response Count
Maintain smoke alarms	92.1%	58
Maintain NOAA Weather Radio	61.9%	39
Install backflow preventer on sewer line	7.9%	5
Defensible space landscaping (clear vegetation around house to reduce wildfire risk)	12.7%	8
Installed or will install fire sprinklers	3.2%	2
Strengthened openings (Doors, windows, and/or garage door to reduce high-hazard wind risk)	19.0%	12
Install or will install safe room in home or work	6.3%	4
Other (please specify)	11.1%	7
<i>answered question</i>		63

If a severe hazard event occurred today (large earthquake or dam failure) such that all services were cut off from your home (power, gas, water, and sewer) and you were unable to leave or access a store for 72 hours, which of these items do you have readily available? (Please select all that apply)

Answer Options	Response Percent	Response Count
Potable Water (3 gallons per person)	38.5%	25
Extra Clothes and Shoes	90.8%	59
Cooking and eating utensils	92.3%	60
Blanket(s)/ Sleeping Bag(s)	96.9%	63
Can Opener	96.9%	63
Cash	52.3%	34
Canned / Non-perishable Foods (ready to eat)	86.2%	56



Anoka County Multi-Jurisdictional All Hazards Mitigation Plan

Flashlight (with batteries)	95.4%	62
Gas grill / Camping stove	80.0%	52
Gasoline stored approved container	46.2%	30
Extra Medications	58.5%	38
Telephone (with batteries)	66.2%	43
First Aid Kit/Supplies	92.3%	60
Pet Supplies	56.9%	37
Portable AM/FM Radio (solar powered, hand crank, or batteries)	52.3%	34
Handheld "Walkie-Talkie" Radios (with batteries)	40.0%	26
Important Family Photos/Documentation in a water and fire proof container	38.5%	25
Additional Preparedness Steps	12.3%	8
<i>answered question</i>		65

What are the most important things local government can do to help communities be more prepared for a disaster

Answer Options	Response Percent	Response Count
Disseminate effective emergency notifications and communication	81.0%	51
Training and education to residents and business owners on how to reduce future damage	54.0%	34
Community outreach regarding emergency preparedness	63.5%	40
Being aware of special needs and vulnerable populations	50.8%	32
Make a plan to use volunteer residents to help in a disaster	69.8%	44
Additional Preparedness Steps	7.9%	5
<i>answered question</i>		63



Appendix D Capabilities Detailed Survey

ANOKA COUNTY LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	International 2003 Building	NA	NA	N	Y	Y	
Capital Improvements Plan	Adequate Facilities Tax	2005-190	06/14/05	Y	N	N	
Comprehensive Plan			2006	Y	N	N	
COOP/COG Plan	In Development	NA	NA				
Economic Development Plan				Y	N	Y	
EMAP Certified				N	Y	Y	
Emergency Response Plan	Co. Emergency Ops Plan	2004-38	3/9/04	Y	Y	N	
Flood Management Plan	Ordinance in Townships only	90/91-2, 92-3	1990	Y	Y	N	
Growth Control Ordinance	Met Council	NA	NA	N	Y	Y	
Hazard Setback Regulations		NA	NA				
Hillside Ordinance		NA	NA				
Historic Ordinance		NA	NA				
Post-disaster Ordinance		NA	NA				
Post-disaster Recovery Plan	Co. Emergency Ops Plan	2004-38	3/9/04	Y	Y	N	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance							
Site Plan Requirements		NA	NA				
Subdivision Regulations		NA	NA				
Wildfire Ordinance		NA	NA				
Zoning Ordinances		NA	NA				
ANDOVER LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Bldg. Code	IBC/IRC 2006	2006	Y	N	Y	
Capital Improvements Plan	City Code	City Budget	2012	Y	N	N	
Comprehensive Plan	Comprehensive Plan	2011 Plan	2011	Y	N	Y	
COOP/COG Plan	N/a	-----	-----	-	-	-	
Economic Development Plan	Comprehensive Plan	-----	2011	Y	N	Y	
EMAP Certified	N/a	-----	-----	-	-	-	
Emergency Response Plan	Co. Emergency Ops Plan		2006	Y	N	Y	
Flood Management Plan	City Code (Title 14)	Title 14	2012	Y	N	Y	
Growth Control Ordinance	Sewer Staging Map	2011 Plan	2011	Y	N	N	
Hazard Setback Regulations	N/a	-----	-----	-	-	-	



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

Hillside Ordinance	N/a	-----	-----	-	-	-	
Historic Ordinance	N/a	-----	-----	-	-	-	
Post-disaster Ordinance	N/a	-----	-----	-	-	-	
Post-disaster Recovery Plan	Co. Emergency Ops Plan		2012	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission	-----	-----	Y	N	Y	
Shoreline Ordinance	City Code (Title 12-12)	Title 12-12	10/21/70	Y	N	N	
Site Plan Requirements	City Code	Sec. 12-15-2	10/4/05	Y	N	N	
Subdivision Regulations	City Code	Title 11	1970	Y	N	N	
Wildfire Ordinance	N/a	-----	-----	-	-	-	
Zoning Ordinances	1970/2005 City Code	Title 12	2005	Y	N	N	

ANOKA LEGAL AND REGULATORY CAPABILITY

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Bldg Code	MN BC	2003	Y	N	Y	
Capital Improvements Plan	Capital Improvement Plan	2003 Plan	2003	Y	N	N	
Comprehensive Plan	Comprehensive Plan	2003 Plan	2003	Y	N	Y	
COOP/COG Plan	N/A						
Economic Development Plan	Comprehensive Plan	Comp Plan	2003	Y	N	Y	
EMAP Certified	N/A						
Emergency Response Plan	Emergency Operations Plans	EOP	11/26/02	Y	N	N	
Flood Management Plan	City Code	Chapter 74	2005	Y	N	Y	
Growth Control Ordinance	N/A						
Hazard Setback Regulations	N/A						
Hillside Ordinance	N/A						
Historic Ordinance	City Code	Chapter 20	2005	Y	N	N	
Post-disaster Ordinance							
Post-disaster Recovery Plan	Emergency Operations Plan	EOP	11/26/02	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance							
Site Plan Requirements	City Code	Chapter 74	2005	Y	N	N	
Subdivision Regulations	City Code	Chapter 54	2005	Y	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	City Code	Chapter 74	2005	Y	N	N	

BETHEL LEGAL AND REGULATORY CAPABILITY

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	International 2003 Building	01-04-42	2004	Y	N	Y	
Capital Improvements Plan	Capital Improvement Plan		12/2011	N	N	N	
Comprehensive Plan	2030 Comprehensive Plan	2008-005	2008	Y	N	N	



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

COOP/COG Plan				N	N	N	
Economic Development Plan				Y	N	Y	
EMAP Certified				N	N	N	
Emergency Response Plan	Co. Emergency Ops Plan		2012	N	N	N	
Flood Management Plan	Building Codes			Y	N	Y	
Growth Control Ordinance	Comprehensive Plan	2008-005	2008	Y	N	N	
Hazard Setback Regulations							
Hillside Ordinance							
Historic Ordinance							
Post-disaster Ordinance							
Post-disaster Recovery Plan	Co. Emergency Ops Plan			N	N	N	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance		2007-14	2007	Y	N	N	
Site Plan Requirements	Building Codes			N	N	N	
Subdivision Regulations	Building Codes			N	N	N	
Wildfire Ordinance				Y	N	N	
Zoning Ordinances							
BLAINE LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	International 2000 Building		2003	Y	N	Y	
Capital Improvements Plan	Adequate Facilities Tax			Y	N	N	
Comprehensive Plan				Y	N	Y	
COOP/COG Plan			2009	Y	N	Y	
Economic Development Plan				Y	N	Y	
EMAP Certified							
Emergency Response Plan	Emergency Operations Plan		2004	Y	N	Y	
Flood Management Plan				Y	N	Y	
Growth Control Ordinance	Ordinance		4/26/00	Y	N	N	
Hazard Setback Regulations				Y	N	Y	
Hillside Ordinance				Y	N	Y	
Historic Ordinance							
Post-disaster Ordinance							
Post-disaster Recovery Plan	Emergency Operations Plan			Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance							
Site Plan Requirements				Y	N	Y	
Subdivision Regulations				Y	N	Y	
Wildfire Ordinance							
Zoning Ordinances				Y	N	Y	
CENTERVILLE LEGAL AND REGULATORY CAPABILITY							



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	International 2000 Building	01-04-42	2004	Y	N	Y
Capital Improvements Plan	Adequate Facilities Tax	99-031	1/19/99	Y	N	N
Comprehensive Plan						
COOP/COG Plan						
Economic Development Plan				Y	N	Y
EMAP Certified						
Emergency Response Plan	Emergency Operations Plan		2004	Y	N	Y
Flood Management Plan			1989	Y	N	Y
Growth Control Ordinance	Ordinance		4/26/00	Y	N	N
Hazard Setback Regulations	Building + Fire Codes					
Hillside Ordinance						
Historic Ordinance						
Post-disaster Ordinance						
Post-disaster Recovery Plan	Emergency Operations Plan		2004	Y	N	Y
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y
Shoreline Ordinance						
Site Plan Requirements						
Subdivision Regulations						
Wildfire Ordinance						
Zoning Ordinances						
CIRCLE PINES LEGAL AND REGULATORY CAPABILITY						
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	International 2003 Building		2004	Y	N	Y
Capital Improvements Plan	Adequate Facilities		12/18/08	Y	N	N
Comprehensive Plan	Comprehensive Plan		2008	Y	N	Y
COOP/COG Plan	N/A				-	-
Economic Development Plan	N/A			-	-	-
EMAP Certified	N/A			-	-	-
Emergency Response Plan	Emergency Operations Plan			Y	N	N
Flood Management Plan	Flood Management Plan		2004	Y	N	Y
Growth Control Ordinance	N/A					
Hazard Setback Regulations	N/A					
Hillside Ordinance	N/A					
Historic Ordinance	N/A					
Post-disaster Ordinance	N/A					



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

Post-disaster Recovery Plan	Emergency Operations Plan		2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission						
Shoreline Ordinance							
Site Plan Requirements	Ordinance		1989	Y	N	N	
Subdivision Regulations	Ordinance		1970	Y	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	Ordinance		1989	Y	N	N	
COLUMBIA HEIGHTS LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	Ordinance		2007	X	N	Y	
Capital Improvements Plan	Plan	None	1999	X	N	N	
Comprehensive Plan	Plan	None	2010	X	N	Y	
COOP/COG Plan	N/A						
Economic Development Plan	Comprehensive Plan			X	N	Y	
EMAP Certified	N/A						
Emergency Response Plan	Emergency Operations Plan		2007	X	N	Y	
Flood Management Plan	Zoning Code	Chapter 9		X	N	Y	
Growth Control Ordinance	N/A						
Hazard Setback Regulations	N/A						
Hillside Ordinance	N/A						
Historic Ordinance	N/A						
Post-disaster Ordinance	None						
Post-disaster Recovery Plan	Emergency Operations Plan		2007	X	N	Y	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance	Ordinance	Chapter 9		X	N		X
Site Plan Requirements	Ordinance	9.104(m)	2005	X	N	N	
Subdivision Regulations	Ordinance	Chapter 9	2005	X	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	Ordinance	Chapter 9	2005	X	N	N	
COLUMBUS LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	International 2003 Building		2004	Y	N	Y	
Capital Improvements Plan	Yearly Budget Update			Y	N	N	
Comprehensive Plan	Plan		11/09	Y	N	Y	
COOP/COG Plan							
Economic Development Plan	Economic Development Plan	EDA	2010	Y	N	N	



**Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan**

EMAP Certified						
Emergency Response Plan	Co. Emergency Ops Plan			Y	N	N
Flood Management Plan	Columbus Ordinance	Chapter 7F		Y	N	Y
Growth Control Ordinance						
Hazard Setback Regulations						
Hillside Ordinance						
Historic Ordinance						
Post-disaster Ordinance						
Post-disaster Recovery Plan	Co. Emergency Ops Plan			Y	N	Y
Real Estate Disclosure	Mn Real Estate Commission	State Law		Y	N	N
Shoreline Ordinance	Columbus Ordinance	Chapter 7E		Y	N	N
Site Plan Requirements	Ordinance	Chpt 7	2011	Y	N	N
Subdivision Regulations	Ordinance	Chpt 8	2011	Y	N	N
Wildfire Ordinance						
Zoning Ordinances	Ordinance	Chpt 7	2011	Y	N	N
COON RAPIDS LEGAL AND REGULATORY CAPABILITY						
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	Adopted MN Bldg. Code	MS 16B.60	3/21/03	Y	N	Y
Capital Improvements Plan						
Comprehensive Plan	Comprehensive Plan	n/a	8/2/00	Y	N	Y
COOP/COG Plan						
Economic Development Plan	Economic Development Plan			Y	N	Y
EMAP Certified						
Emergency Response Plan	Emerg. Operations Plan	n/a	6/25/98	Y	N	N
Flood Management Plan						
Growth Control Ordinance						
Hazard Setback Regulations						
Hillside Ordinance						
Historic Ordinance						
Post-disaster Ordinance						
Post-disaster Recovery Plan	Co. Emergency Ops Plan			Y	N	N
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y
Shoreline Ordinance						
Site Plan Requirements	City Ordinance	Chapter 11	1982	Y	N	N
Subdivision Regulations	City Ordinance	Chapter 11	1982	Y	N	N
Wildfire Ordinance						
Zoning Ordinances	City Ordinance	Chapter 11	1982	Y	N	N
EAST BETHEL LEGAL AND REGULATORY CAPABILITY						



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	MN State Bldg Codes	IRC/IBC 2000		Y	N	Y
Capital Improvements Plan						
Comprehensive Plan			10/13/00	Y	N	Y
COOP/COG Plan						
Economic Development Plan	Comprehensive Plan		10/13/00	Y	N	N
EMAP Certified						
Emergency Response Plan	Emergency Operations Plan			Y	N	Y
Flood Management Plan	Ordinance	168	01/05/04	Y	Y	Y
Growth Control Ordinance	Met Comprehensive Plan		10/13/00	N	Y	Y
Hazard Setback Regulations	Ordinance, City Code,	168	01/05/04	Y	N	Y
Hillside Ordinance						
Historic Ordinance						
Post-disaster Ordinance						
Post-disaster Recovery Plan	Emergency Operations Plan			Y	N	Y
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y
Shoreline Ordinance	Shoreland Zoning Ordinance		01/05/04	Y	N	N
Site Plan Requirements	City Code	168	01/05/04	Y	N	Y
Subdivision Regulations	City Code	168	01/05/04	Y	N	N
Wildfire Ordinance						
Zoning Ordinances	City Code	168	01/05/04	Y	N	N
FRIDLEY LEGAL AND REGULATORY CAPABILITY						
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	2006 IBC	01-04-42	2007	Y	N	Y
Capital Improvements Plan	Facilities Privilege Tax	99-031	1/19/99	Y	N	N
Comprehensive Plan	2020 Comp. Plan		11/09	Y	Y	Y
COOP/COG Plan						
Economic Development Plan				Y	N	Y
EMAP Certified						
Emergency Response Plan	Emergency Operations Plan		2011	Y	N	Y
Flood Management Plan	Flood Insurance Rate Map	700130001-4	1989	Y	N	Y
Growth Control Ordinance	Ordinance		4/26/00	Y	N	N
Hazard Setback Regulations	Creek & River Preservation	01-02	1982	Y	Y	Y
Hillside Ordinance	Creek & River Preservation	01-02	1982	Y	Y	Y
Historic Ordinance						
Post-disaster Ordinance						



**Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan**

Post-disaster Recovery Plan	Emergency Operations Plan		2011	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance	Shoreline Zoning Ord		05/09/11	Y	Y	Y	
Site Plan Requirements	City Code	13-7-101/401	2012	Y	N	N	
Subdivision Regulations	TCA	13-3-303/403	12/19/85	Y	N	N	
Wildfire Ordinance							
Zoning Ordinances	City Code	13-7-101/401	12/19/85	Y	N	N	
HAM LAKE LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Bldg code	IRC/IBC 2007		Y	N	Y	
Capital Improvements Plan	Comprehensive Plan	Res. 08-82	12/08	Y	N	N	
Comprehensive Plan	Comprehensive Plan	Res. 08-82	12/08	Y	N	Y	
COOP/COG Plan	N/A						
Economic Development Plan	Comprehensive Plan	Res. 08-82	12/08	Y	N	Y	
EMAP Certified	N/A						
Emergency Response Plan	Emergency Mgmt. Plan		1/2011	Y	N	Y	
Flood Management Plan	SWPPP/LSWMP Ordinance	2/2003	5/2003	Y	N	Y	
Growth Control Ordinance	N/A						
Hazard Setback Regulations	Ordinance City Code	Ord. 99-1	1/1999	Y	N	Y	
Hillside Ordinance	N/A						
Historic Ordinance	N/A						
Post-disaster Ordinance	N/A						
Post-disaster Recovery Plan	Co. Emergency Ops Plan			Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance	Shoreline Zoning Ordinance	Ord. 99-1	1/1999	Y	N	Y	
Site Plan Requirements	City Code 6/1990	Art. 9	6/2002	Y	N	Y	
Subdivision Regulations	City Code 6/1990	Article 10	5/2001	Y	N	Y	
Wildfire Ordinance	N/A						
Zoning Ordinances	City Code –6/1990	Article 9	6/2002	Y	N	Y	
HILLTOP LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Building Code	IBC 2000	2002	Y	N	Y	
Capital Improvements Plan							
Comprehensive Plan	Comprehensive Plan	Updated	2010	Y	N	Y	
COOP/COG Plan							
Economic Development Plan							



Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan

EMAP Certified							
Emergency Response Plan	County Emergency Ops Plan		2004	Y	N	Y	
Flood Management Plan							
Growth Control Ordinance							
Hazard Setback Regulations							
Hillside Ordinance							
Historic Ordinance							
Post-disaster Ordinance							
Post-disaster Recovery Plan	County Emergency Ops Plan		2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance							
Site Plan Requirements	Development Guidelines		2000	Y	N	N	
Subdivision Regulations							
Wildfire Ordinance							
Zoning Ordinances	City Code	10	2000	Y	N	N	
LEXINGTON LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	International 2007 Building			Y	N	Y	
Capital Improvements Plan	Current Yr Budget		12/11	Y	N	N	
Comprehensive Plan			2000	Y	N	N	
COOP/COG Plan	N/A						
Economic Development Plan	N/A						
EMAP Certified	N/A						
Emergency Response Plan	Emergency Operations Plan		11/05	Y	N	N	
Flood Management Plan	City water mgt plan		2000	Y	N	N	
Growth Control Ordinance	N/A						
Hazard Setback Regulations	N/A						
Hillside Ordinance	N/A						
Historic Ordinance	N/A						
Post-disaster Ordinance	N/A						
Post-disaster Recovery Plan	Emergency Operations Plan		11/05	Y	N	N	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance							
Site Plan Requirements	City code		Ongoing	Y	N	N	
Subdivision Regulations	City code		Ongoing	Y	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	City code		Ongoing	Y	N	N	
LINO LAKES LEGAL AND REGULATORY CAPABILITY							



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Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	MN State Bldg Code	IBC2000	2002	Y	N	Y
Capital Improvements Plan	City Code	City Budget	2005	Y	N	N
Comprehensive Plan	Comprehensive Plan	2010 Comp Plan	2010	Y	N	Y
COOP/COG Plan	N/A					
Economic Development Plan	Comprehensive Plan	2010 Plan	2010	Y	N	Y
EMAP Certified	N/A					
Emergency Response Plan	Emergency Operations Plan		2004	Y	N	N
Flood Management Plan	City Code	12.95	1995	Y	N	Y
Growth Control Ordinance	City Code	24.04	2004	Y	N	N
Hazard Setback Regulations	n/a					
Hillside Ordinance	n/a					
Historic Ordinance	n/a					
Post-disaster Ordinance			2004	Y	N	Y
Post-disaster Recovery Plan	Emergency Operations Plan		2004	Y	N	Y
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y
Shoreline Ordinance						
Site Plan Requirements	Zoning Code	08-03	2003	Y	N	N
Subdivision Regulations	City Code	04-03	2003	Y	N	N
Wildfire Ordinance	State Fire Code			Y	N	N
Zoning Ordinances	City Code	08-03	2003	Y	N	N
LINWOOD LEGAL AND REGULATORY CAPABILITY						
Regulatory Tools /Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	2007 State Bldg Code		2007	Y	N	Y
Capital Improvements Plan	Town Code	Town Budget	2005	Y	N	N
Comprehensive Plan	Town Comprehensive Plan	Town Plan	2003	Y	N	Y
COOP/COG Plan	N/A					
Economic Development Plan	N/A					
EMAP Certified	N/A					
Emergency Response Plan	Emergency Operations Plan	Linwood EP	1997	Y	N	Y
Flood Management Plan	N/A					
Growth Control Ordinance	N/A					
Hazard Setback Regulations	N/A					
Hillside Ordinance	N/A					
Historic Ordinance	N/A					



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Post-disaster Ordinance	Emergency Operation Plan	Linwood EP	2004	Y	N	Y	
Post-disaster Recovery Plan	Emergency Operations Plan	Linwood EP	2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance							
Site Plan Requirements	Linwood Town Code	801.02	2004	Y	N	N	
Subdivision Regulations	Linwood Town Code	201.07	2004	Y	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	Linwood Town Code	201.08	2004	Y	N	N	

NOWTHEN LEGAL AND REGULATORY CAPABILITY

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Building Code	12A	2007	Y	N	Y	
Capital Improvements Plan	Budget Plan	Budget	2004	Y	N	N	
Comprehensive Plan	Comprehensive Plan	2030 Comp	2009	Y	N	N	
COOP/COG Plan	N/A						
Economic Development Plan	Comprehensive Plan	2030 Comp	2009	Y	N	Y	
EMAP Certified	N/A						
Emergency Response Plan	Emergency Operations Plan	Co. Plan	2012	Y	N	Y	
Flood Management Plan	Storm Water Mg't Ord.	16	2004	Y	N	Y	
Growth Control Ordinance	N/A						
Hazard Setback Regulations	N/A						
Hillside Ordinance	N/A						
Historic Ordinance	N/A						
Post-disaster Ordinance				Y	N	Y	
Post-disaster Recovery Plan	Emergency Operations Plan	Co. Plan	2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance	Shoreline Mgmt Ord	25	2008				
Site Plan Requirements	Ordinance	Article VI	1982	Y	N	N	
Subdivision Regulations	Ordinance	2	1982	Y	N	N	
Wildfire Ordinance	N/A						
Zoning Ordinances	Ordinance	3	1982	Y	N	N	

OAK GROVE LEGAL AND REGULATORY CAPABILITY

Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Building Codes			Y	N	Y	
Capital Improvements Plan	Plan		2007	Y	N	N	
Comprehensive Plan	Plan		2010	Y	N	Y	
COOP/COG Plan	n/a						



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Economic Development Plan	By-Laws/Resolutions		2000/01	Y	N	N	
EMAP Certified	n/a						
Emergency Response Plan	Emergency Operations Plan		4/14/97	Y	N	N	
Flood Management Plan	n/a						
Growth Control Ordinance	n/a						
Hazard Setback Regulations	Ordinance Subd1, Title	1600/1108	1994	Y	N	N	
Hillside Ordinance				N	N	N	
Historic Ordinance	n/a						
Post-disaster Ordinance			4/14/97	Y	N	N	
Post-disaster Recovery Plan	Emergency Operations Plan		4/14/97	Y	N	N	
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y	
Shoreline Ordinance							
Site Plan Requirements	Ordinance, Subd1	Chapter 1320	1993/04	Y	N	N	
Subdivision Regulations	Ordinance	Title 1400	1960/04	Y	N	N	
Wildfire Ordinance	Open Burning Permits	Chapter 1012	3/29/04	Y	N	N	
Zoning Ordinances	Ordinance	Title 1300	1960/04	Y	N	N	
RAMSEY LEGAL AND REGULATORY CAPABILITY							
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority	
Building Codes	MN State Building Code	IBC2007	2007	Y	N	Y	
Capital Improvements Plan	City Code	City Budget	2005	Y	N	N	
Comprehensive Plan	Comprehensive Plan	2001 Plan	2002	Y	N	Y	
COOP/COG Plan	n/a						
Economic Development Plan	Comprehensive Plan	2001 Plan	2002	Y	N	Y	
EMAP Certified	n/a						
Emergency Response Plan	Emergency Operations Plan	3.53	2004	Y	N	N	
Flood Management Plan	Zoning Code	9.22	1992	Y	N	Y	
Growth Control Ordinance	n/a						
Hazard Setback Regulations	n/a						
Hillside Ordinance	Zoning Code	9.21	1979	Y	N	Y	
Historic Ordinance	n/a						
Post-disaster Ordinance		3.53	2004	Y	N	Y	
Post-disaster Recovery Plan	Emergency Operations Plan	3.53	2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission	3.53		Y	N	Y	
Shoreline Ordinance							
Site Plan Requirements	City Code	9.03.08	1987	Y	N	N	
Subdivision Regulations	City Code	9.50	2003	Y	N	N	
Wildfire Ordinance	n/a			Y	N	N	
Zoning Ordinances	City Code	Chap 9	2003	Y	N	N	
SPRING LAKE PARK LEGAL AND REGULATORY CAPABILITY							



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Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	International 2000 Building	339	7/7/03	Y	N	Y
Capital Improvements Plan	CIP	05-03	2/7/05	Y	N	N
Comprehensive Plan	Comprehensive Plan	00-16	3/6/00	Y	N	N
COOP/COG Plan	n/a					
Economic Development Plan	n/a			Y	N	Y
EMAP Certified						
Emergency Response Plan	Emergency Operations Plan		2004	Y	N	Y
Flood Management Plan	Flood Insurance Plan	357/358	7/7/75	Y	N	Y
Growth Control Ordinance	n/a					
Hazard Setback Regulations	n/a					
Hillside Ordinance	n/a					
Historic Ordinance	n/a					
Post-disaster Ordinance						
Post-disaster Recovery Plan	Emergency Operations Plan		2004	Y	N	Y
Real Estate Disclosure	MN Real Estate Commission	NA	NA	N	N	Y
Shoreline Ordinance						
Site Plan Requirements	City Code	36.10	1985	Y	N	N
Subdivision Regulations	City Code	Chap 19-26	1988	Y	N	N
Wildfire Ordinance	n/a					
Zoning Ordinances	City Code	Chap 27-36	1985	Y	N	N
ST FRANCIS LEGAL AND REGULATORY CAPABILITY						
Regulatory Tools/Plans	Type: Ordinances Codes Plans etc.	Reference number	Date Adopted	Local Authority	State Prohibited	Higher Authority
Building Codes	MN State Building Code		2007	Y	N	Y
Capital Improvements Plan		RES 2005-22	1/19/99	Y	N	N
Comprehensive Plan	Land Use Plan		5/2000	Y	N	N
COOP/COG Plan						
Economic Development Plan				Y	N	Y
EMAP Certified						
Emergency Response Plan	Emergency Operations Plan		2004	Y	N	Y
Flood Management Plan	Chapter 12		1989	Y	N	Y
Growth Control Ordinance						
Hazard Setback Regulations						
Hillside Ordinance						
Historic Ordinance						
Post-disaster Ordinance						



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Post-disaster Recovery Plan	Emergency Operations Plan		2004	Y	N	Y	
Real Estate Disclosure	MN Real Estate Commission			Y	N	Y	
Shoreline Ordinance							
Site Plan Requirements	Chapter 10		1990	Y	N	N	
Subdivision Regulations	Chapter 11		1990	Y	N	N	
Wildfire Ordinance							
Zoning Ordinances	Chapter 10		1990	Y	N	N	

ANOKA COUNTY ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	5	5	5
Construction Practices	Professional	Public Works	2	2	2
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	4	4	4
EMT	Professional(s)	EMS	65	65	65
EMS First Responder	Professional(s)	No County Fire Dept	0	0	0
Fire Personnel	Professional(s)	No County Fire Dept	0	0	0
Floodplain Manager	Engineer(s)	Public Works	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	4	4	4
Government Administration	Employees	Anoka County	1200	1200	1200
Government Elected	Elected Officials	County Commissioners	7	7	7
Grant writer	Professional(s)	Emergency Management	1	1	1
Hazard Risk Assessor	Professional(s)	Emergency Management	1	1	1
Hazmat Team	Professional(s)	N Metro Chemical Team	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	2	2	2
Law Enforcement	Sheriff, Police, Trooper	Anoka County Sheriff	174	174	174
Medical Personnel	Doctors/Nurses/etc	Health Department	1843	1843	1843
Public Communication	911 Dispatchers	County Communications	34	34	34
Public Works	Directors/Engineers	Public Works	15	15	15
Surveyor	Certified Professional	Surveyor	10	10	10

ANDOVER ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Engineering	2	2	2
Emergency Manager	Certified Professional	Fire Dept.	1	1	1
Emergency Mgmt Staff	Technicians/Admin	City of Andover	7	7	7



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EMT	Professional(s)	Allina/Fire Dept	22	22	22
EMS First Responder	Professional(s)	Fire Dept.	28	28	28
Fire Personnel	Professional(s)	Fire Dept.	52	52	52
Floodplain Manager	Engineer(s)	Engineering	1	1	1
GIS and/or HAZUS	Professional(s)	GIS – Contract	1	1	1
Government Administration	Employees	City of Andover	7	7	7
Government Elected	Elected Officials	Mayor/Council	5	5	5
Grant writer	Professional(s)	Fire Dept./Planning	2	2	2
Hazard Risk Assessor	Professional(s)	Fire/Inspection/PW	4	4	4
Hazmat Team	Professional(s)	Fire Dept./Sheriffs	52	52	52
Land Use/Management	Engineer(s)/Planners	State/Local Planning	4	4	4
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Riverway/Andover Park	100	100	100
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	6	6	6
Surveyor	Certified Professional	Anoka County	C	C	C

ANOKA ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	2	2	2
Emergency Manager	Certified Professional	Emergency Management	C	C	C
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Professional(s)	EMS	45	45	45
EMS First Responder	Professional(s)	Fire/Rescue	68	68	68
Fire Personnel	Professional(s)	Fire Dept.	42	42	42
Floodplain Manager	Engineer(s)	Public Works	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	2	2	2
Government Administration	Employees	Anoka City	10	10	10
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	0	0	0
Hazard Risk Assessor	Professional(s)	Emergency Management	2	2	2
Hazmat Team	Professional(s)	Fire/Sheriff Dept	42	42	42
Land Use/Management	Engineer(s)/Planners	State/Local Planning	4	4	4
Law Enforcement	Sheriff, Police, Trooper	Police Department	27	27	27
Medical Personnel	Doctors/Nurses/etc	Health Department	118	118	118
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	3	3	3
Surveyor	Certified Professional	Contracted	1	1	1

BETHEL ADMINISTRATIVE AND TECHNICAL CAPABILITIES



**Anoka County Multi-Jurisdictional
All Hazards Mitigation Plan**

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	County Extension Svc.	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgnt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	Fire/Rescue	3	3	3
EMS First Responder	Professional(s)	Fire/Rescue	10	10	10
Fire Personnel	Professional(s)	Fire Dept.	4	4	8
Floodplain Manager	Engineer(s)	Public Works	C	C	C
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City Employees	2	2	2
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	C	C	C
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	C	C	C
BLAINE ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Public Works	1	1	1
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgnt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	EMS	25	25	25
EMS First Responder	Professional(s)	Fire/Police	122	122	122
Fire Personnel	Professional(s)	SBM Fire	70	70	75
Floodplain manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	GIS	2	2	2
Government Administration	Employees	City of Blaine	180	180	180
Government Elected	Elected Officials	Mayor/City Council	7	7	7
Grant writer	Professional(s)				



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Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	MN CAT Team	15	15	15
Land Use/Management	Engineer(s)/Planners	State/Local Planning	10	10	10
Law Enforcement	Sheriff, Police, Trooper	Blaine Police Department	52	52	52
Medical Personnel	Doctors/Nurses/etc	Health Department	150	150	150
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	50	50	50
Surveyor	Certified Professional	Contracted	1	1	1

CENTERVILLE ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	EMS	25	25	25
EMS First Responder	Professional(s)	Fire/Rescue	50	50	50
Fire Personnel	Professional(s)	Fire Dept.	56	56	56
Floodplain manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	Property Assessor	2	3	3
Government Administration	Employees	City Employees	5	5	5
Government Elected	Elected Officials	Mayor / City Council	6	6	6
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	9	9	9
Land Use/Management	Engineer(s)/Planners	State/Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Police department	20	20	20
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1

CIRCLE PINES ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1



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Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	EMS	25	25	25
EMS First Responder	Professional(s)	Fire/Rescue	60	60	60
Fire Personnel	Professional(s)	Fire Dept.	60	60	60
Floodplain manager	Engineer(s)	Contracted	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City Administration	6	6	6
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	1	1	1
Law Enforcement	Sheriff, Police, Trooper	Police Department	17	17	17
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1
COLUMBIA HEIGHTS ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	10	10	10
Emergency Manager	Certified Professional	Emergency Management	0	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	2	2
EMT	Professional(s)	Fire Dept.	32	32	32
EMS First Responder	Professional(s)	Fire/Rescue	0	0	0
Fire Personnel	Professional(s)	Fire Dept.	32	32	32
Floodplain manager	Planner	Community Development	1	1	1
GIS and/or HAZUS	Professional(s)	Contract	1	1	1
Government Administration	Employees	City Administration	18	18	18
Government Elected	Elected Officials	Mayor/Commissioners	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire Dept.	32	32	32
Land Use/Management	Engineer(s)/Planners	Community Development	1	1	1
Law Enforcement	Sheriff, Police, Trooper	Police Department	36	36	36
Medical Personnel	Doctors/Nurses/etc	Health Department	100	100	100
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	18	18	18
Surveyor	Certified Professional	Public Works	2	2	2



COLUMBUS ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	County Extension Svc.	C	C	C
Construction Practices	Professional	Public Works	2	2	2
Emergency Manager	Certified Professional	Emergency Management	2	2	2
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	4	4	4
EMT	Professional(s)	Fire/Rescue	3	3	3
EMS First Responder	Professional(s)	Fire/Rescue	34	34	34
Fire Personnel	Professional(s)	Fire Dept.	37	37	37
Floodplain manager	Engineer(s)	County Extension Service	C	C	C
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City Staff	6	6	6
Government Elected	Elected Officials	City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	2	2	2
Law Enforcement	Sheriff, Police, Trooper	Co. Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	3	3	3
Surveyor	Certified Professional	Contracted	C	C	C
COON RAPIDS ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Public Works	1	1	1
Construction Practices	Professional	Inspections	6	6	6
Emergency Manager	Certified Professional	Emergency Management	2	2	2
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	2	2	2
EMT	Professional(s)		25	25	25
EMS First Responder	Professional(s)	Fire Dept & Police Dept	117	117	117
Fire Personnel	Professional(s)	Fire Dept. FT/POC	52	52	52
Floodplain manager	Engineer(s)	Engineering	1	1	1
GIS and/or HAZUS	Professional(s)	IT Dept.	1	1	1
Government Administration	Employees	City of Coon Rapids	235	235	235
Government Elected	Elected Officials	Mayor/City Council	7	7	7



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Grant writer	Professional(s)	Emergency Management	1	1	1
Hazard Risk Assessor	Professional(s)	Emergency Management	1	1	1
Hazmat Team	Professional(s)	Fire Dept. + NoSurb CAT	8	14	14
Land Use/Management	Engineer(s)/Planners	Engineering Dept.	5	5	5
Law Enforcement	Sheriff, Police, Trooper	Coon Rapids Police Dept	65	65	65
Medical Personnel	Doctors/Nurses/etc		500	500	500
Public Communication	911 Dispatchers	Anoka Co. Central Comm	C	C	C
Public Works	Directors/Engineers	Public Works	2	2	2
Surveyor	Certified Professional	Engineering Dept.	1	1	1

EAST BETHEL ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	County Extension Svc.	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	C	C	C
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Professional(s)				
EMS First Responder	Professional(s)	Fire/Rescue	35	35	35
Fire Personnel	Professional(s)	Fire Dept.	35	35	35
Floodplain manager	Engineer(s)	Public Works	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City of East Bethel	10	10	10
Government Elected	Elected Officials	Mayor	5	5	5
Grant writer	Professional(s)	Fire Department	1	1	1
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	State HazMat Team	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	2	2	2
Surveyor	Certified Professional	Contracted	C	C	C

FRIDLEY ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	County Extension Svc.	C	C	C
Construction Practices	Professional	Public Works	0	0	0



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Emergency Manager	Certified Professional	Emergency Management	2	2	2
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	Fire/Rescue	32	32	32
EMS First Responder	Professional(s)	Fire/Rescue	32	32	32
Fire Personnel	Professional(s)	Fire Dept.	36	36	36
Floodplain manager	Engineer(s)	Public Works	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	1	1	1
Government Administration	Employees	City of Fridley	7	7	7
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	12	12	12
Land Use/Management	Engineer(s)/Planners	State/Local Planning	2	3	3
Law Enforcement	Sheriff, Police, Trooper	Police Department	38	38	38
Medical Personnel	Doctors/Nurses/etc	Health Department	800	800	800
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1

HAM LAKE ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Building Inspectors	3	3	3
Emergency Manager	Certified Professional	Fire Department	0	1	1
Emergency Mgmt Staff	Technicians/Admin	Fire Department	4	4	4
EMT	Professional(s)	EMS	3	3	3
EMS First Responder	Professional(s)	Fire/Rescue	37	37	37
Fire Personnel	Professional(s)	Fire Dept.	37	37	37
Floodplain manager	Engineer(s)	Public Works/Engineer	4	4	4
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City of Ham Lake	3	3	3
Government Elected	Elected Officials	Mayor/Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Fire Chief, Deputy Chief	2	2	2
Hazmat Team	Professional(s)	Fire/Sheriff Dept	3	3	3
Land Use/Management	Engineer(s)/Planners	Building Zoning Official	2	2	2
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	3	3	3



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Surveyor	Certified Professional	Contracted	1	1	1
HILLTOP ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	C	C	C
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Professional(s)	EMS	0	0	0
EMS First Responder	Professional(s)	Fire/Rescue	0	0	0
Fire Personnel	Professional(s)	Fire Dept.	0	0	0
Floodplain manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	Hilltop City	1	1	1
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Police Department	1	1	1
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1
LEXINGTON ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Professional(s)	Fire Dept	20	20	20
EMS First Responder	Professional(s)	Fire Dept	20	20	20
Fire Personnel	Professional(s)	Fire Dept.	20	20	20
Floodplain manager	Engineer(s)	Public Works	C	C	C
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City	20	20	20



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Government Elected	Elected Officials	Mayor/City council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire Dept	20	20	20
Land Use/Management	Engineer(s)/Planners	State/Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Police Dept	17	17	17
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1

LINO LAKES ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	3	3	3
Emergency Manager	Certified Professional	Emergency Management	2	2	2
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	4	4	4
EMT	Professional(s)	EMS	39	39	39
EMS First Responder	Professional(s)	Fire/Rescue	16	16	16
Fire Personnel	Professional(s)	Fire Dept.	60	60	60
Floodplain Manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City of Lino Lakes	64	64	64
Government Elected	Elected Officials	Mayor/City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	81	81	81
Land Use/Management	Engineer(s)/Planners	State/Local Planning	3	3	3
Law Enforcement	Sheriff, Police, Trooper	Police Department	25	25	25
Medical Personnel	Doctors/Nurses/etc	Health Department	31	31	31
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	12	12	12
Surveyor	Certified Professional	Contracted	1	1	1

LINWOOD ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C



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Construction Practices	Professional	Public Works	0	0	0
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	EMS	12	12	12
EMS First Responder	Professional(s)	Fire/Rescue	15	15	15
Fire Personnel	Professional(s)	Fire Dept.	27	27	27
Floodplain Manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	Linwood Township	2	2	2
Government Elected	Elected Officials	Town Supervisors	6	6	6
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	25	25	25
Land Use/Management	Engineer(s)/Planners	State/Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	2	2	2
Surveyor	Certified Professional	Contracted	1	1	1
NOWTHEN ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Building Department	1	0	1
Emergency Manager	Certified Professional	Emergency Management	C	C	C
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Professional(s)	EMS	0	0	0
EMS First Responder	Professional(s)	Fire Department	10	10	10
Fire Personnel	Professional(s)	Fire Department	10	10	10
Floodplain manager	Engineer(s)	Contracted	2	0	2
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	City employees	4	4	4
Government Elected	Elected Officials	Mayor and City Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	N Metro Chemical Team	S	S	S
Land Use/Management	Engineer(s)/Planners	Local Planning	S	S	S
Law Enforcement	Sheriff, Police, Trooper	Anoka County Sheriff	C	C	C
Medical Personnel	Doctors/Nurses/etc	Health Department	C	C	C
Public Communication	911 Dispatchers	County Communications	C	C	C



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Public Works	Directors/Engineers	Public Works	2	2	2
Surveyor	Certified Professional	Surveyor	C	C	C
OAK GROVE ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Building Dept.	2	2	2
Emergency Manager	Certified Professional	Emergency Management	C	C	C
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	C	C	C
EMT	Allina		C	C	C
EMS First Responder	Professional(s)	Fire/Rescue/County	35	35	35
Fire Personnel	Professional(s)	Fire Dept.	40	40	40
Floodplain Manager	Engineer(s)	Public Works/Consultant	1	1	1
GIS and/or HAZUS	Professional(s)	Co. Property Assessor	C	C	C
Government Administration	Employees	Oak Grove City Hall	3.5	3.5	3.5
Government Elected	Elected Officials	Mayor/Council/Comm.	17	17	17
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	State	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	1	1	1
Law Enforcement	Sheriff, Police, Trooper	Sheriff's Department	C	C	C
Medical Personnel	Doctors/Nurses/etc		0	0	0
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	4	4	4
Surveyor	Certified Professional	Contracted	C	C	C
RAMSEY ADMINISTRATIVE AND TECHNICAL CAPABILITIES					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	2	2	2
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	4	4	4
EMT	Professional(s)	EMS	15	15	15
EMS First Responder	Professional(s)	Fire/Rescue	50	50	50
Fire Personnel	Professional(s)	Fire Dept.	50	50	50
Floodplain Manager	Engineer(s)	Public Works	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	2	2	2



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Government Administration	Employees	Ramsey City	6	6	6
Government Elected	Elected Officials	Mayor/Council	7	7	7
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Police Dept	60	60	60
Land Use/Management	Engineer(s)/Planners	State/Local Planning	2	2	2
Law Enforcement	Sheriff, Police, Trooper	Police Department	25	25	25
Medical Personnel	Doctors/Nurses/etc	Health Department	27	27	27
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	3	3	3
Surveyor	Certified Professional	Contracted	1	1	1

SPRING LAKE PARK ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Risk Assessor	Agents	Extension Service	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)	Allina	25	25	25
EMS First Responder	Professional(s)	Fire/Police	10	10	10
Fire Personnel	Professional(s)	Fire Dept.	8	8	8
Floodplain Manager	Engineer(s)	Public Works	0	0	0
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	Spring Lake Park	9	9	9
Government Elected	Elected Officials	Mayor/Council	5	5	5
Grant writer	Professional(s)	Emergency Management	C	C	C
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire Dept.	8	8	8
Land Use/Management	Engineer(s)/Planners	Local Planning	1	1	1
Law Enforcement	Sheriff, Police, Trooper	Police Department	14	14	14
Medical Personnel	Doctors/Nurses/etc	Health Department	0	0	0
Public Communication	911 Dispatchers	County Communications	C	C	C
Public Works	Directors/Engineers	Public Works	7	7	7
Surveyor	Certified Professional	Contracted	1	1	1

ST FRANCIS ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel



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Agriculture Risk Assessor	Agents	County Extension Svc.	C	C	C
Construction Practices	Professional	Public Works	1	1	1
Emergency Manager	Certified Professional	Emergency Management	1	1	1
Emergency Mgmt Staff	Technicians/Admin	Emergency Management	1	1	1
EMT	Professional(s)		5	5	5
EMS First Responder	Professional(s)	Fire/Rescue	25	25	25
Fire Personnel	Professional(s)	Fire Dept.	32	32	32
Floodplain Manager	Engineer(s)	Planning	1	1	1
GIS and/or HAZUS	Professional(s)	Property Assessor	C	C	C
Government Administration	Employees	St. Francis	5	5	5
Government Elected	Elected Officials	Mayor/Co. Commission	6	6	6
Grant writer	Professional(s)	Emergency Management	1	0	1
Hazard Risk Assessor	Professional(s)	Emergency Management	C	C	C
Hazmat Team	Professional(s)	Fire/Sheriff Dept	S	S	S
Land Use/Management	Engineer(s)/Planners	State/Local Planning	2	2	2
Law Enforcement	Sheriff, Police, Trooper	Police	9	9	9
Medical Personnel	Doctors/Nurses/etc	Health Department	3	3	3
Public Communication	911 Dispatchers	E-911	C	C	C
Public Works	Directors/Engineers	Public Works	1	1	1
Surveyor	Certified Professional	Contracted	1	1	1

ANOKA COUNTY FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			Y
	PDM for disaster resistant universities		X		X
	PDM Grants for communities	X			N
	Department of Health Grants	X			Y
	Department of Justice Grants	X			Y
	Department of Agriculture Grants	X			Y
	Department of Energy Grants	X			N
	Department of Education Grants	X			Y
	Fire department grants		X		N
	Private foundation grants	X			Y
	Private business/industry grants	X			N
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			Y
Impact Fees	Developer fees for new developments		X		N
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas	X			Y
Utility Fees	Fees for water, sewer, gas, or electric service		X		N



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ANDOVER FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants	X			N
	Department of Justice Grants	X			Y
	Department of Agriculture Grants	X			N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Private foundation grants	X			Y
	Private business/industry grants	X			Y
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
ANOKA FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			Y
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants	X			N
	Department of Justice Grants	X			Y
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Private foundation grants	X			N
	Private business/industry grants	X			N
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			Y
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y



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Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
BETHEL FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			
	PDM for disaster resistant universities		X		
	PDM Grants for communities			X	
	Department of Health Grants			X	
	Department of Justice Grants			X	
	Department of Agriculture Grants			X	
	Department of Energy Grants			X	
	Department of Education Grants			X	
	Fire department grants	X			X
	Private foundation grants	X			
	Private business/industry grants	X			
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds	X			
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			
Special Taxes	Authority to levy taxes for specific purposes	X			
Spending Restrictions	Withhold spending in hazard-prone areas		X		
Utility Fees	Fees for water, sewer, gas, or electric service	X			X
BLAINE FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities	X			X
	Department of Health Grants		X		
	Department of Justice Grants	X			X
	Department of Agriculture Grants	X			X
	Department of Energy Grants		X		
	Department of Education Grants		X		
	Fire department grants	X			X
	Private foundation grants	X			X
	Private business/industry grants	X			X



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Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds		X		
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes	X			X
Spending Restrictions	Withhold spending in hazard-prone areas		X		
Utility Fees	Fees for water, sewer, gas, or electric service	X			X

CENTERVILLE FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)		X		
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		
	Department of Health Grants		X		
	Department of Justice Grants			X	
	Department of Agriculture Grants		X		
	Department of Energy Grants		X		
	Department of Education Grants		X		
	Fire department grants	X			X
	Private foundation grants			X	
	Private business/industry grants			X	
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds	X			X
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes	X			X
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Utility Fees	Fees for water, sewer, gas, or electric service	X			X

CIRCLE PINES FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			
	PDM for disaster resistant universities		X		
	PDM Grants for communities	X			
	Department of Health Grants		X		
	Department of Justice Grants		X		
	Department of Agriculture Grants		X		
	Department of Energy Grants	X			



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	Department of Education Grants		X		
	Fire department grants	X			
	Private foundation grants		X		
	Private business/industry grants		X		
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds		X		
Impact Fees	Developer fees for new developments		X		
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes			X	
Spending Restrictions	Withhold spending in hazard-prone areas		X		
Utility Fees	Fees for water, sewer, gas, or electric service	X			X
COLUMBIA HEIGHTS FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities			X	
	Department of Health Grants	X			X
	Department of Justice Grants	X			X
	Department of Agriculture Grants			X	
	Department of Energy Grants	X			x
	Department of Education Grants			X	
	Fire department grants	X			X
	Private foundation grants	X			X
	Private business/industry grants	X			
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds	X			x
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes	X			X
Spending Restrictions	Withhold spending in hazard-prone areas	X			
Utility Fees	Fees for water, sewer, gas, or electric service	X			X
COLUMBUS FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)		X		
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		



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	Department of Health Grants		X		
	Department of Justice Grants		X		
	Department of Agriculture Grants		X		
	Department of Energy Grants		X		
	Department of Education Grants		X		
	Fire department grants	X			Y
	Private foundation grants	X			Y
	Private business/industry grants	X			Y
Debt Procurement	Incur debt through special tax/revenue bonds		X		
Dept Procurement	Incur debt through private activity bonds		X		
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes		X		
Spending Restrictions	Withhold spending in hazard-prone areas	X			Y
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
COON RAPIDS FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		
	Department of Health Grants	X			X
	Department of Justice Grants	X			X
	Department of Agriculture Grants		X		
	Department of Energy Grants		X		
	Department of Education Grants		X		
	Fire department grants	X			X
	Private foundation grants		X		
	Private business/industry grants		X		
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds		X		
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes		X		
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Utility Fees	Fees for water, sewer, gas, or electric service	X			X
EAST BETHEL FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	



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Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)		X		N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities			X	N
	Department of Health Grants		X		N
	Department of Justice Grants	X			Y
	Department of Agriculture Grants			X	N
	Department of Energy Grants			X	N
	Department of Education Grants			X	N
	Fire department grants	X			Y
	Private foundation grants			X	N
	Private business/industry grants			X	N
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds		X		N
Impact Fees	Developer fees for new developments		X		N
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes		X		N
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y

FRIDLEY FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		
	Department of Health Grants			X	
	Department of Justice Grants	X			X
	Department of Agriculture Grants		X		
	Department of Energy Grants	X			X
	Department of Education Grants	X			X
	Fire department grants	X			X
	Private foundation grants	X			X
	Private business/industry grants	X			X
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds	X			X
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Special Taxes	Authority to levy taxes for specific purposes		X		
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Utility Fees	Fees for water, sewer, gas, or electric service	X			X



HAM LAKE FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			N
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities			X	N
	PDM Grants for communities			X	N
	Department of Health Grants			X	N
	Department of Justice Grants	Y			N
	Department of Agriculture Grants			X	N
	Department of Energy Grants			X	N
	Department of Education Grants			X	N
	Fire department grants	X			Y
	Private foundation grants	X			Y
	Private business/industry grants	X			N
Debt Procurement	Incur debt through special tax/revenue bonds	X			N
Dept Procurement	Incur debt through private activity bonds			X	N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service		X		N
HILLTOP FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants		X		N
	Department of Justice Grants		X		N
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants		X		N
	Private foundation grants	X			N
	Private business/industry grants	X			N
Debt Procurement	Incur debt through special tax/revenue bonds	X			N
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y



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Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
LEXINGTON FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)		X		N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants		X		N
	Department of Justice Grants		X		N
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			N
	Private foundation grants			X	N
	Private business/industry grants			X	N
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds		X		N
Impact Fees	Developer fees for new developments		X		N
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
LINO LAKES FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants		X		Y
	Department of Justice Grants	X			Y
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants		X		N
	Private foundation grants		X		N
	Private business/industry grants		X		N



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Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y

LINWOOD FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants	X			N
	Department of Justice Grants	X			Y
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Private foundation grants		X		N
	Private business/industry grants	X			Y
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service		X		N

NOWTHEN FISCAL CAPABILITIES

Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)			X	
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		
	Department of Health Grants		X		
	Department of Justice Grants		X		
	Department of Agriculture Grants			X	
	Department of Energy Grants		X		



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	Department of Education Grants		X		
	Fire department grants			X	
	Private foundation grants		X		
	Private business/industry grants		X		
Debt Procurement	Incur debt through special tax/revenue bonds	X			
Dept Procurement	Incur debt through private activity bonds			X	
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			
Special Taxes	Authority to levy taxes for specific purposes		X		
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Utility Fees	Fees for water, sewer, gas, or electric service		X		
Community Grants	Community Development Block Grants (CDBG)	X			X
OAK GROVE FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)		X		N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities			X	N
	Department of Health Grants		X		N
	Department of Justice Grants		X		N
	Department of Agriculture Grants			X	N
	Department of Energy Grants			X	N
	Department of Education Grants			X	N
	Fire department grants	X			Y
	Private foundation grants			X	N
	Private business/industry grants			X	N
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds		X		N
Impact Fees	Developer fees for new developments		X		N
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes		X		N
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
RAMSEY FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N



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	PDM Grants for communities		X		N
	Department of Health Grants	X			Y
	Department of Justice Grants	X			Y
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Private foundation grants		X		N
	Private business/industry grants	X			Y
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
SPRING LAKE PARK FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Emergency management performance grants (EMPG)	X			N
	PDM for disaster resistant universities		X		N
	PDM Grants for communities		X		N
	Department of Health Grants	X			Y
	Department of Justice Grants	X			Y
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Private foundation grants		X		N
	Private business/industry grants	X			Y
Debt Procurement	Incur debt through special tax/revenue bonds	X			Y
Dept Procurement	Incur debt through private activity bonds	X			N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
Project Funding	Capital improvement	X			Y
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Utility Fees	Fees for water, sewer, gas, or electric service	X			Y
ST FRANCIS FISCAL CAPABILITIES					
Financial Resources	Description	Eligible			



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		Yes	No	TBD	Used
Community Grants	Community Development Block Grants (CDBG)	X			X
	Emergency management performance grants (EMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities		X		
	Department of Health Grants		X		
	Department of Justice Grants	X			X
	Department of Agriculture Grants	X			
	Department of Energy Grants		X		
	Department of Education Grants	X			X
	Fire department grants	X			X
	Private foundation grants		X		
	Private business/industry grants		X		
Debt Procurement	Incur debt through special tax/revenue bonds	X			X
Dept Procurement	Incur debt through private activity bonds		X		
Impact Fees	Developer fees for new developments		X		
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			
Special Taxes	Authority to levy taxes for specific purposes		X		
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Utility Fees	Fees for water, sewer, gas, or electric service	X			X

Appendix E Key Federal Hazard mitigation Funding programs

This section of the Plan includes a listing of some of the key, well-established federal hazard mitigation funding programs available to implement future mitigation projects. Additional sources of mitigation funding are routinely made available through a variety state and federal agencies, though the program names, funding amounts and eligibility criteria will vary over time.

Key Federal Hazard mitigation Funding programs			
Grant Name	Agency	Purpose	Contact
Pre-Disaster Mitigation Program (PDM)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To provide funding for States and communities for cost-effective hazard mitigation activities, which complements comprehensive hazard mitigation, program and reduce injuries, loss of life, and damage and destruction of property.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Emergency Management Performance Grants (EMPG)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To encourage the development of comprehensive emergency management at the State and local level and to improve emergency management planning, preparedness, mitigation, response, and recovery capabilities.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Hazard Mitigation Grant Program (HMGP)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To prevent future losses of lives and property due to disasters; to implement State or local hazard mitigation plans; to enable mitigation measures to be implemented during immediate recovery from a disaster; and to provide funding for previously identified mitigation measures to benefit the disaster area.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Flood Mitigation Assistance Program (FMA)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To help States and communities plan and carry out activities designed to reduce the risk of flood damage to structures insurable under the NFIP.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Community Development Grant Program (CDBG)	U.S. Department of Housing and Urban Development	To develop viable urban communities by providing decent housing and a suitable living environment. Principally for low to moderate-income individuals.	HUD 451 7th Street, S.W. Washington, DC 20410 Phone: (202) 708-3587
Public Assistance Program (PA)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To provide supplemental assistance to States, local governments, and certain private nonprofit organizations to alleviate suffering and hardship resulting from major disasters or emergencies declared by the President. Under Section 406, Public Assistance funds may be used to mitigate the impact of future disasters.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Flood Control Works / Emergency Rehabilitation	U.S. Department of Defense, Army Corps of Engineers	To assist in the repair and restoration of public works damaged by flood, extraordinary wind, wave, or water action.	USACE 20 Massachusetts Avenue, N.W. Washington, DC 20314 Phone: (202) 761-0001
Emergency Watershed Protection	U.S. Department of Agriculture, Natural Resource Conservation Svc	To provide emergency technical and financial assistance to install or repair structures to reduce runoff and prevent soil erosion to safeguard life and property.	NRCS PO Box 2890 Washington, DC 20013 Phone: (202) 720-3527

Watershed Protection and Flood Prevention	U.S. Department of Agriculture, Natural Resource Conservation Svc	To provide technical and financial assistance in planning and executing works of improvement to protect, develop, and use land and water resources in small watersheds.	NRCS PO Box 2890 Washington, DC 20013 Phone: (202) 720-3527
Land and Water Conservation Fund Grants	U.S. Department of the Interior, National Park Service	To acquire and develop outdoor recreation areas and facilities for the general public, to meet current and future needs.	NPS PO Box 37127 Washington, DC 20013 Phone: (202) 565-1200
Disaster Mitigation and Technical Assistance Grants	U.S. Department of Commerce, Economic Development Administration	To help States and localities to develop and/or implement a variety of disaster mitigation strategies.	EDA Herbert C. Hoover Bldg. Washington DC, 20230 Phone: (800) 345-1222
Pre-Disaster Mitigation Loan Program	U.S. Small Business Administration	To make low-interest; fixed-rate loans to eligible small businesses for the purpose of implementing mitigation measures to protect business property from damage that may be caused by future disasters.	SBA 1110 Vermont Avenue, N.W., 9 th Floor Washington, DC 20005 Phone: (202) 606-4000
Watershed Surveys and Planning	U.S. Department of Agriculture, Natural Resource Conservation Svc	To provide planning assistance to Federal, State, and local agencies for the development of coordinated water and related land resources programs in watersheds and river basins.	NRCS PO Box 2890 Washington, DC 20013 Phone: (202) 720-3527
National Earthquake Hazards Reduction Program (NEHRP)	U.S. Department of Homeland Security, Federal Emergency Management Agency	To mitigate earthquake losses that can occur in many parts of the nation providing earth science data and assessments essential for warning of imminent damaging earthquakes, land-use planning, engineering design, and emergency preparedness decisions.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Assistance to Firefighters Grant	U.S. Department of Homeland Security, Federal Emergency Management Agency	Competitively awarded project grants to provide direct assistance, on a competitive basis, to fire departments for the purpose of protecting the health and safety of the public and Fire fighting personnel against fire and fire-related hazards.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Fire Management Assistance Grants	U.S. Department of Homeland Security, Federal Emergency Management Agency	To provide project grants and the provision of specialized services for the mitigation, management, and control of fires that threatens such destruction as would constitute a major disaster.	FEMA 500 C Street, S.W. Washington, DC 20472 Phone: (202) 646-4621
Emergency Stream bank and Shoreline Protection	U.S. Department of Defense, Army Corps of Engineers	To prevent erosion damages to public facilities by the emergency construction or repair of stream bank and shoreline protection works.	USACE 20 Massachusetts Avenue, N.W. Washington, DC 20314 Phone: (202) 761-0001
Small Flood Control Projects	U.S. Department of Defense, Army Corps of Engineers	To reduce flood damages through small flood control projects not specifically authorized by Congress.	USACE 20 Massachusetts Avenue, N.W. Washington, DC 20314 Phone: (202) 761-0001
Clean Water Act Section 319 Grants	U.S. Environmental Protection Agency	To implement non-point source programs, including support for non-structural watershed resource restoration activities.	EPA 1200 Pennsylvania Ave. N.W. Washington, DC 20460 Phone: (202) 272-0167

Appendix F Minnesota Mitigation Planning Review Aid

The requirements crosswalk used in previous guidance to evaluate plan is replaced with the Local Mitigation Plan Review Tool found in FEMA's Local Mitigation Plan Review Guide, October 2011.

This review aid is provided to planners to assist with the development of local multi-jurisdiction mitigation plans.

FEMA's Mitigation Plan Review Tool lists all of the elements but not the requirements as in the previous crosswalk. Section 1: Planning Checklist of this aid lists the requirements under each element for easy reference. The planner should indicate the location of the plan to indicate where the requirement is met.

All jurisdictions participating in the mitigation planning process must show evidence of participation in Elements A thru E of the Regulation Checklist. The Multi-Jurisdictional Summary Sheet from FEMA guidance was edited for use by planners. The summary sheet is a way to track participation by jurisdiction.

HSEM asks that a Minnesota Mitigation Planning Review Aid is completed when the plan is sent to HSEM for review. A completed aid will facilitate the state review by illustrating how requirements were met.

Jurisdiction: Anoka County, MN	Title of Plan: Anoka County Multi-Jurisdictional All Hazards Mitigation Plan	Date of Plan: May 14, 2012
Local Point of Contact: Ryan Kelzenberg	Address:	
Title: Emergency Management Specialist		
Agency: Anoka County Emergency Management		
Phone Number: 763.323.5264	E-Mail: Ryan.kelzenberg@co.anoka.mn.us	
State Reviewer: Jim McClosky	Title: Mitigation Planner	Date: 5/22/12

Section 1 Regulation Checklist

ELEMENT A. PLANNING PROCESS

A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? 44 CFR 201.6(c)(1)	
REQUIREMENT	LOCATION
a. Documentation of how the plan was prepared must include the schedule or timeframe and activities that made up the plan's development as well as who was involved. Documentation typically is met with a narrative description, but may also include, for example, other documentation such as copies of meeting minutes, sign- in sheets, or newspaper articles.	MET: Section 2.4 The table on page 14 lists the meetings Action Completed: P 16 - 22 Updated with current meeting dates and summary for 2011 / 2012
b. The plan must list the jurisdiction(s) participating in the plan that seek approval.	Met: Section 2.7 – The county and cities are listed who are seeking approval.
c. The plan must identify who represented each jurisdiction. The Plan must provide, at a minimum, the jurisdiction represented and the person's position or title and agency within the jurisdiction.	Met: Section 2.3 – The representatives are listed starting on page 12.
d. For each jurisdiction seeking plan approval, the plan must document how they were involved in the planning process. For example, the plan may document meetings attended, data provided, or stakeholder and public involvement activities offered. Jurisdictions that adopt the plan without documenting how they participated in the planning process will not be approved.	Met: Anoka County Jurisdiction tracking sheet added to page 9
e. Plan updates must include documentation of the current planning process undertaken to update the plan.	Met: Section 2.4 outlines our update process (Page 16 – 22) Included steps needed for updating initial plan to this review

A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? 44 CFR 201.6(b)(2)	
REQUIREMENT	LOCATION
a. The plan must identify all stakeholders involved or given an opportunity to be involved in the planning process. At a minimum, stakeholders must include: 1) Local and regional agencies involved in hazard mitigation activities; 2) Agencies that have the authority to regulate development; and 3) Neighboring communities.	Met: Section 2.6 – a general description is given Public notices and meeting attendance sheets are included in pages 279 – 284
b. The Plan must provide the agency or organization represented and the person's position or title within the agency.	Met: List of participants in the preview and planning process. Pages 14 – 16

A3. Does the Plan document how the public was involved in the planning process during the drafting stage? 44 CFR 201.6(b)(1) and 201.6(c)(1)	
REQUIREMENT	LOCATION
a. The plan must document how the public was given the opportunity to be involved in the planning process and how their feedback was incorporated into the plan. Examples include, but are not limited to, sign-in sheets from open meetings, interactive websites with drafts for public review and comment, questionnaires or surveys, or booths at popular community events.	Met: Section 2.5.1 – is a good overview. Public notices and meeting attendance sheets are included in pages 279 – 284 (Main Plan) Community Survey information and results covered in pages 175 – 180 (Main Plan) and results included in Appendix C (Annex)
b. The opportunity for participation must occur during the plan development, which is prior to the comment period on the final plan and prior to the plan approval / adoption.	Met: Section 2.5.2, has been updated to meet standards

A4. Does the Plan document the review and incorporation of existing plans, studies, reports, and technical information? 44 CFR 201.6(b)(3)	
REQUIREMENT	LOCATION
a. The plan must document <i>what</i> existing plans, studies, reports, and technical information were reviewed. Examples of the types of existing sources reviewed include, but are not limited to, the state hazard mitigation plan, local comprehensive plans, hazard specific reports, and flood insurance studies.	Met: Section 2.8 – this section meets the requirement.
b. The plan must document <i>how</i> relevant information was incorporated into the mitigation plan.	Met: Section 2.8: <u>Review and Incorporation of Existing Plans</u> Reviewed and updated on page 26.

A5. Is there discussion on how the community(ies) will continue public participation in the plan maintenance process? 44 CFR 201.6(c)(4)(iii)	
REQUIREMENT	LOCATION
a. The plan must describe how the jurisdiction(s) will continue to seek public participation after the plan has been approved and during the plan's implementation, monitoring and evaluation.	Met: Section 5.3.4 – The varied methods stated in this section meets the requirement.

A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5- year cycle)? 44 CFR 201.6l(4)(i)	
REQUIREMENT	LOCATION
a. The plan must identify how, when, and by whom the plan will be monitored.	Met: Steering committee members and contact information on pages 14-16
b. The plan must identify how, when, and by whom the plan will be evaluated.	Met: 5.3. Mitigation Implementation and Plan Maintenance (plan will be monitored and reviewed, pages 273 – 276)
c. The plan must identify how, when, and by whom the plan will be updated.	Met: Sections 5.3.3 Monitoring, Evaluation, and Enhancement (Page 274-275)

d. The plan must include the title of the individual or name of the department/ agency responsible for leading each of these efforts.	Met: Assigned responsibility to Anoka County Emergency Management Director and staff, pages 275
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ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT

B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction? 44 CFR 201.6(c)(2)(i) and 44 CFR 201.6(c)(2)(iii)	
REQUIREMENT	LOCATION
a. The plan must include a description of the natural hazards that can affect the jurisdiction(s) in the planning area.	Met: Section 4.3– the natural hazards are described. Why are hazards being described that were not selected?
b. The plan must provide the rationale for the omission of any natural hazards that are commonly recognized to affect the jurisdiction(s) in the planning area.	Met: Section 4.3 – Page 69 has a good summary.
c. The description, or profile, must include information on location, extent, previous occurrences, and future probability for each hazard. Previous occurrences and future probability are addressed in sub-element B2.	met: Future probability is listed on page 113-115 of the main plan. For our plan we used Very Likely, Likely, or Possible for the chance an event occurring in a particular Jurisdiction during any single year.
d. For participating jurisdictions in a multi-jurisdictional plan, the plan must describe any hazards that are unique and/or varied from those affecting the overall planning area.	Met: In our plan for section 4.4.3- Page 115. The differences were identified in the risk between the jurisdictions. We did an analysis of four Hazards to represent the possible affects and loss that they could have on any of the Jurisdictions.

B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? 44 CFR 201.6(c)(2)(i)	
REQUIREMENT	LOCATION
a. The plan must include the history of previous hazard events for each of the identified hazards.	Met: Previous History of Events - are located section 4.3 with each of the natural and manmade hazards that were identified as risks in Anoka County (Main Plan pages 90 - 109) To help identify hazard trends we used the Anoka County Fire calls from 2006 to 2011 to review trends (Annex pages 3 - 9) Meth lab seizures are summarized in (Annex pages 11 - 12)
b. The plan must include the probability of future events for each identified hazard.	Met: Probability of future events : This is included in our Hazard Vulnerability section 4.4 (Pages 111-121)
c. Plan updates must include hazard events that have occurred since the last plan was developed.	Met: Additional history of events is included in 4.4.4 (Main plan pages 111 - 121) ratings for the hazards and impact in each jurisdiction are slightly different due to the makeup of each jurisdiction. (Main Plan page 115 and

B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction?

44 CFR 201.6(c)(2)(ii)

REQUIREMENT	LOCATION
a. For each participating jurisdiction, the plan must describe the potential impacts of each of the identified hazards on the community.	Met: Hazard Vulnerability updated and reviewed for each jurisdiction – Pages 110 – 132
b. The plan must provide an overall summary of each jurisdiction's vulnerability to the identified hazards. The overall summary of vulnerability identifies structures, systems, populations or other community assets as defined by the community that are susceptible to damage and loss from hazard events. A plan will meet this sub- element by addressing the requirements described in §201.6(c)(2)(ii)(A- C).	Met: Hazard Vulnerability updated and reviewed for each jurisdiction – Pages 110 – 132

B4. Does the Plan address NFIP insured structures within each jurisdiction that have been repetitively damaged by floods? 44 CFR 201.6(c)(2)(ii)

REQUIREMENT	LOCATION
a. The plan must describe the types (residential, commercial, institutional, etc.) and estimate the numbers of repetitive loss properties located in identified flood hazard areas.	Met: Section 4.4.2.1 –repetitive Flooding Structures. Page 119

ELEMENT C. MITIGATION STRATEGY

C1. Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs? 44 CFR 201.6(c)(3)

REQUIREMENT	LOCATION
a. The plan must describe each jurisdiction's existing authorities, policies, programs and resources available to accomplish hazard mitigation.	Met: Section 5.1 does a very in depth profile of the each jurisdictions capabilities.

C2. Does the Plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate? 44 CFR 201.6(c)(3)(ii)	
REQUIREMENT	LOCATION
<p>a. The plan must describe each jurisdiction's participation in the NFIP and describe their floodplain management program for continued compliance. Simply stating "The community will continue to comply with NFIP," will not meet this requirement. The description could include, but is not limited to:</p> <ul style="list-style-type: none"> • Adoption and enforcement of floodplain management requirements, including regulating new construction in Special Flood Hazard Areas (SFHAs); • Floodplain identification and mapping, including any local requests for map updates; or • Description of community assistance and monitoring activities. 	<p>Met: Flood Management Plan (Description – Page 161)</p> <p>Information on NFIP- Page 161-162 A table is given with the jurisdictions that are participating in NFIP. Defines what their Community Rating System(CRS)</p> <p>Anoka County GIS was used extensively to create and update the maps though out the plan. We also used the maps and information provided from the Anoka County Vulnerability report assists in identification of at risk properties from floods.</p> <p>Anoka County Vulnerability Report (Appendix page 14 - 28) Anoka County 100 / 500 year flood map (Main Plan page 92) Anoka County Flood Maps (Appendix pages 48 - 69)</p>

C3. Does the Plan include goals to reduce/avoid long- term vulnerabilities to the identified hazards? 44 CFR 201.6I(3)(i)	
REQUIREMENT	LOCATION
<p>a. The plan must include general hazard mitigation goals that represent what the jurisdiction(s) seeks to accomplish through mitigation plan implementation.</p> <p><i>Goals are broad policy statements that explain what is to be achieved.</i></p>	<p>Met: 5.2.2 Mitigation Goals Page 173 (Community Goals)</p>
<p>b. The goals must be consistent with the hazards identified in the plan.</p>	<p>Met: 5.2.1 Overview Page 172 r</p> <p><i>Goals reflect hazard they are attempting to mitigate</i></p>

C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? 44 CFR 201.6©(3)(ii) and 44 CFR 201.6©(3)(iv)

REQUIREMENT	LOCATION
a. The plan must include a mitigation strategy that 1) analyzes actions and/or projects that the jurisdiction considered to reduce the impacts of hazards identified in the risk assessment, and 2) identifies the actions and/or projects that the jurisdiction intends to implement.	Met: The list of the Mitigation Actions listed by priority is in section 5.2.5 (Page 182 - 248 of the main plan)
b. Each jurisdiction participating in the plan must have mitigation actions specific to that jurisdiction that are based on the community's risk and vulnerabilities, as well as community priorities.	Met: The list of the Mitigation Actions listed by priority is in section 5.2.7 (Page 261 - 272 of the main plan)
c. The action plan must reduce risk to existing buildings and infrastructure as well as limit any risk to new development and redevelopment. <i>With emphasis on new and existing building and infrastructure means that the action plan includes a consideration of actions that address the built environment.</i>	Met: With goal 3.1 and specifically 3.1.4 Anoka County GIS provides the information and coordination with the Jurisdictions in Anoka County.

C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? 44 CFR 201.6©(3)(iii) and 44 CFR ©(3)(iv)

REQUIREMENT	LOCATION
a. The plan must describe the criteria used for prioritizing implementation of the actions.	MET: <i>STAPLEE was used to evaluate mitigation actions and prioritize mitigation actions within each Jurisdiction. (STAPLEE Process and rating system is listed on pages 249 – 259)</i> The final priority list for Mitigation actions by each Jurisdiction are listed in the main plan on pages 261-272
b. The plan must demonstrate when prioritizing hazard mitigation actions that the local jurisdictions considered the benefits that would result from the hazard mitigation actions versus the cost of those actions. The requirement is met as long as the economic considerations are summarized in the plan as part of the community's analysis. A complete benefic- cost analysis is not required. Qualitative benefits (<i>for example</i> , quality of life, natural and beneficial values, or other "benefits") can also be included in how actions will be prioritized.	Met: Pages 198 – 232: The estimated cost and the estimated benefit are listed in two separate columns for each mitigation actions.
c. The plan must identify the position, office, department, or agency responsible for implementing and administering the action (for each jurisdiction), and identify potential funding sources and expected timeframes for completion.	Met: Pages 198 – 232: A column listing responsibility meets this requirement.

C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? 44 CFR 201.6(c)(4)(ii)	
REQUIREMENT	LOCATION
a. The plan must describe the community's process to integrate the data, information, and hazard mitigation goals and actions into other planning mechanisms.	Met: 5.2.7(Mitigation Actions Implementation) Section 5.3.1 (Implementation) Pg 261-273
b. The plan must identify the local planning mechanisms where hazard mitigation information and/or actions may be incorporated.	Met: Section 5.2.7 – Mitigation Actions Implementation Updated tables to reflect mitigation actions of each jurisdiction. Page 261 - 272
c. A multi-jurisdictional plan must describe each participating jurisdiction's individual process for integrating hazard mitigation actions applicable to their community into other planning mechanisms.	Met: 5.3.1: Implementation- shows each Jurisdiction is responsible for implementing their goals into their specific plans. Page 273
d. The updated plan must explain how the jurisdiction(s) incorporated the mitigation plan, when appropriate, into other planning mechanisms as a demonstration of progress in local hazard mitigation efforts	Met: Added section pointing readers to completed mitigation goals (section 5.2.7) Preview Mitigation measures also listed on page 169
e. The updated plan must continue to describe how the mitigation strategy, including the goals and hazard mitigation actions will be incorporated into other planning mechanisms.	Met: Updated tables (Mitigation Actions Prioritization) reflect mitigation actions of each jurisdiction. Page 261 - 272

Note:

ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLMENTATION

D1. Was the plan revised to reflect changes in development? 44 CFR 201.6(d)(3)	
REQUIREMENT	LOCATION
a. The plan must describe changes in development that have occurred in hazard prone areas and increased or decreased the vulnerability of each jurisdiction since the last plan was approved. If no changes in development impacted the jurisdiction's overall vulnerability, plan updates may validate the information in the previously approved plan.	Met: Section 4.4.7 describes land use development meets part of the requirement. Each jurisdiction are included in their jurisdiction Descriptions Section 3.1,

D2. Was the plan revised to reflect progress in local mitigation efforts? 44 CFR 201.6(d)(3)	
REQUIREMENT	LOCATION
a. The plan must describe the status of hazard mitigation actions in the previous plan by identifying those that have been completed or not completed. For actions that have not been completed, the plan must either describe whether the action is no longer relevant or be included as part of the updated action plan.	Met: Section 5.1.6 does a nice job of listing completed mitigation actions.

D3. Was the plan revised to reflect changes in priorities? 44 CFR 201.6(d)(3)	
REQUIREMENT	LOCATION
a. The plan must describe if and how any priorities changed since the plan was previously approved. If no changes in priorities are necessary, plan updates may validate the information in the previously approved plan.	Met: Goals are outlined as new, ongoing, completed or canceled in section 5.2.5(Process listed on page 183)

ELEMENT E. PLAN ADOPTION

E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? 44 CFR 201.6(c)(5)	
REQUIREMENT	LOCATION
<p>a. The plan must include documentation of plan adoption, usually a resolution by the governing body or other authority.</p> <p>In Minnesota, the county passes a formal resolution to adopt the plan. This should takes place immediately after FEMA review to allow the cities time to adopt the plan.</p>	<i>To be completed after FEMA review</i>

E2. For multi- jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? 44 CFR 201.6(c)(5)	
REQUIREMENT	LOCATION
<p>a. Each jurisdiction that is included in the plan must have its governing body adopt the plan prior to FEMA approval, even when a regional agency has the authority to prepare such plans.</p> <p>HSEM recommends that cities adopt the within six months of the county adopting the plan to ensure all adoption requirements are met.</p>	<i>. To be completed after FEMA review</i>

Section 2 Multi-Jurisdictional Summary Sheet

INSTRUCTIONS: Complete the Multi-jurisdiction Summary Spreadsheet by listing each participating jurisdiction which required Elements for each jurisdiction were 'Met' or 'Not Met'. Adoption resolutions may be tracked after the plan was reviewed by FEMA 'pending local adoption'. This Summary Sheet does not imply that a mini-plan be developed for each jurisdiction; it should be used as an optional worksheet to ensure that each jurisdiction participating in the Plan has been documented and has met the requirements for those Elements (A through E).

#	Jurisdiction Name	Jurisdiction Type (county/city)	Requirements Met (Y/N)				
			A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption
1	Anoka County	County					
2	Andover	City					
3	Anoka	City					
4	Bethel	City					
5	Blaine	City					
6	Nowthen	City					
7	Centerville	City					
8	Circle Pines	City					
9	Lexington	City					

10	Columbia Heights	City					
11	Columbus	City					
12	Coon Rapids	City					
13	East Bethel	City					
14	Fridley	City					
15	Ham Lake	City					
16	Hill Top	City					

#	Jurisdiction Name	Jurisdiction Type (county/city)	Requirements Met (Y/N)				
			A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption
17	Linwood	City					
18	Oak Grove	City					
19	Ramsey	City					
20	St. Francis	City					
21	Spring Lake Park	City					

A. Plan Strengths and Opportunities for Improvement

This section provides a discussion of the strengths of the plan document and identifies areas where these could be improved beyond minimum requirements.

Element A: Planning Process

How does the Plan go above and beyond minimum requirements to document the planning process with respect to:

- *Involvement of stakeholders (elected officials/decision makers, plan implementers, business owners, academic institutions, utility companies, water/sanitation districts, etc.);*
- *Involvement of Planning, Emergency Management, Public Works Departments or other planning agencies (i.e., regional planning councils);*
- *Diverse methods of participation (meetings, surveys, online, etc.); and*
- *Reflective of an open and inclusive public involvement process.*

Element B: Hazard Identification and Risk Assessment

In addition to the requirements listed in the Regulation Checklist, 44 CFR 201.6 Local Mitigation Plans identifies additional elements that should be included as part of a plan's risk assessment. The plan should describe vulnerability in terms of:

- 1) A general description of land uses and future development trends within the community so that mitigation options can be considered in future land use decisions;*
- 2) The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas; and*
- 3) A description of potential dollar losses to vulnerable structures, and a description of the methodology used to prepare the estimate.*

How does the Plan go above and beyond minimum requirements to document the Hazard Identification and Risk Assessment with respect to:

- Use of best available data (flood maps, HAZUS, flood studies) to describe significant hazards;*
- Communication of risk on people, property, and infrastructure to the public (through tables, charts, maps, photos, etc.);*
- Incorporation of techniques and methodologies to estimate dollar losses to vulnerable structures;*
- Incorporation of Risk MAP products (i.e., depth grids, Flood Risk Report, Changes Since Last FIRM, Areas of Mitigation Interest, etc.); and*
- Identification of any data gaps that can be filled as new data became available.*

Element C: Mitigation Strategy

How does the Plan go above and beyond minimum requirements to document the Mitigation Strategy with respect to:

- *Key problems identified in, and linkages to, the vulnerability assessment;*
- *Serving as a blueprint for reducing potential losses identified in the Hazard Identification and Risk Assessment;*
- *Plan content flow from the risk assessment (problem identification) to goal setting to mitigation action development;*
- *An understanding of mitigation principles (diversity of actions that include structural projects, preventative measures, outreach activities, property protection measures, post-disaster actions, etc);*
- *Specific mitigation actions for each participating jurisdictions that reflects their unique risks and capabilities;*
- *Integration of mitigation actions with existing local authorities, policies, programs, and resources; and*
- *Discussion of existing programs (including the NFIP), plans, and policies that could be used to implement mitigation, as well as document past projects.*

Element D: Plan Update, Evaluation, and Implementation (*Plan Updates Only*)

How does the Plan go above and beyond minimum requirements to document the 5-year Evaluation and Implementation measures with respect to:

- *Status of previously recommended mitigation actions;*
- *Identification of barriers or obstacles to successful implementation or completion of mitigation actions, along with possible solutions for overcoming risk;*
- *Documentation of annual reviews and committee involvement;*
- *Identification of a lead person to take ownership of, and champion the Plan;*
- *Reducing risks from natural hazards and serving as a guide for decisions makers as they commit resources to reducing the effects of natural hazards;*
- *An approach to evaluating future conditions (i.e. socio-economic, environmental, demographic, change in built environment etc.);*
- *Discussion of how changing conditions and opportunities could impact community resilience in the long term; and*
- *Discussion of how the mitigation goals and actions support the long-term community vision for increased resilience.*

B. Resources for Implementing Your Approved Plan

Ideas may be offered on moving the mitigation plan forward and continuing the relationship with key mitigation stakeholders such as the following:

- *What FEMA assistance (funding) programs are available (for example, Hazard Mitigation Assistance (HMA)) to the jurisdiction(s) to assist with implementing the mitigation actions?*
- *What other Federal programs (National Flood Insurance Program (NFIP), Community Rating System (CRS), Risk MAP, etc.) may provide assistance for mitigation activities?*
- *What publications, technical guidance or other resources are available to the jurisdiction(s) relevant to the identified mitigation actions?*
- *Are there upcoming trainings/workshops (Benefit-Cost Analysis (BCA), HMA, etc.) to assist the jurisdictions(s)?*
- *What mitigation actions can be funded by other Federal agencies (for example, U.S. Forest Service, National Oceanic and Atmospheric Administration (NOAA), Environmental Protection Agency (EPA) Smart Growth, Housing and Urban Development (HUD) Sustainable Communities, etc.) and/or state and local agencies?*